

## BENTSAI BT-HH6205B

# BENTSAI BT-HH6205B Handheld Inkjet Printer User Manual

Model: BT-HH6205B

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## 1. INTRODUCTION

The BENTSAI BT-HH6205B Handheld Inkjet Printer is a versatile and portable device designed for efficient marking on a wide range of materials. It features a 4.3-inch HD capacitive touchscreen and 5-wheel support for stable and precise printing. This manual provides essential information for setting up, operating, and maintaining your printer to ensure optimal performance.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before using the printer. Failure to follow these instructions may result in injury or damage to the device.

- **Ink Cartridge Handling:** The ink contains flammable liquid and vapor, which can cause serious eye damage. Avoid direct contact with the ink.
- **Nozzle Area:** Use a dry wipe to clean the nozzle area. Do not clean with strong power or a cloth with wool.
- **Storage:** Store the ink cartridge in a cool, dry place.
- **Single Use:** Ink cartridges are intended for single use only.
- **Power On/Off:** Always ensure the printer is powered off before inserting or removing the ink cartridge to prevent damage.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- BENTSAI BT-HH6205B Handheld Inkjet Printer
- Aluminum Box
- User Manual
- BB22BK Black Ink Cartridge
- Metal Positioner
- Roller Guide
- Stylus Pen
- USB Flash Disk
- Type-C Cable

# All-Inclusive Kit

Everything Included to Start Immediately



Figure 3.1: All-Inclusive Kit for BENTSai BT-HH6205B Handheld Inkjet Printer, showing the printer, aluminum box, user manual, ink cartridge, metal positioner, roller guide, stylus pen, USB flash disk, and Type-C cable.

## 4. PRODUCT OVERVIEW

The BENTSai BT-HH6205B is designed for portability and ease of use, weighing just 410g. It features a 4.3-inch HD capacitive touchscreen for intuitive operation and an ergonomic handle to minimize fatigue during extended use. The printer incorporates 5 built-in rollers for enhanced stability, ensuring smoother and more precise printing compared to models with fewer rollers.

# Lighter • Thinner • Smaller



**410G**  
Easier to carry



**Ergonomic Grip**  
Reduce Fatigue

Figure 4.1: The BENTSAI BT-HH6205B printer highlighting its lightweight (410g) and ergonomic grip for comfortable use.



Figure 4.2: The printer's 5-wheel support system, designed for smoother and more stable printing on various surfaces.

## 5. SETUP

### 5.1. Installing the Ink Cartridge

1. Ensure the printer is powered off.
2. Open the cartridge compartment cover.
3. Carefully insert the ink cartridge into the slot, ensuring the nozzle faces downwards and the electronic contacts align.
4. Close the cartridge compartment cover until it clicks securely.

Video 5.1: This video demonstrates the process of installing and removing an ink cartridge, as well as basic text editing and printing.

Note: The printer model shown may vary, but the cartridge installation principle is similar.

### 5.2. Powering On/Off

- **To Power On:** Press and hold the power button (or trigger lever, depending on model) until the screen illuminates.
- **To Power Off:** Navigate to the 'Settings' menu on the touchscreen and select 'Shutdown'. The printer will also auto-shutoff after a period of inactivity.

### 5.3. Screen Calibration

If the touchscreen responsiveness is inaccurate, calibration may be required:

1. Restart the printer.
2. When the startup screen appears, press and hold the screen with the stylus pen.
3. Tap the center of each crosshair that appears on the screen sequentially.
4. Once all crosshairs are tapped, the calibration is complete, and the screen should respond accurately.

## 6. OPERATING INSTRUCTIONS

### 6.1. Editing Print Content

The printer allows for flexible content creation directly on its 4.3-inch HD touchscreen. Use the stylus pen for precise input.

- **Text:** Input custom text, adjust font size, style, and spacing.
- **Date/Time:** Automatically insert current date and time.
- **Counter:** Implement sequential numbering for batch tracking.
- **Images/Logos:** Upload images or logos via the USB flash disk.
- **Barcodes/QR Codes:** Generate and print various barcode and QR code formats.
- **Variable Data:** Support for printing variable data from TXT or XLS files.



Figure 6.1: The printer's display interface, illustrating adjustable print height settings from 0.8mm to 12.7mm and high resolution (300/600 DPI).

### 6.2. Printing Process

1. Prepare your desired print content on the touchscreen.
2. Ensure the ink cartridge is correctly installed and the printer is powered on.
3. Press the print trigger button.
4. Gently roll the printer across the surface where you wish to print, maintaining steady contact. The 5-wheel support system will assist in smooth movement.

### 6.3. Using Assistive Tools

For optimal printing on various shapes and materials, utilize the included assistive tools:

- **Roller Guide:** Ideal for printing on curved or uneven surfaces, helping to maintain consistent distance and alignment.
- **Sheet Metal Positioner:** Provides a stable guide for precise placement of prints on flat surfaces, ensuring straight and accurate results.

*Video 6.2: This video demonstrates how to use assistive tools like the roller component and sheet metal positioner for improved printing accuracy on various surfaces.*

#### 6.4. Printing on Various Surfaces

The BT-HH6205B is capable of printing on a diverse range of materials, including:

- Wood
- Carton boxes
- Plastic
- Polyethylene
- Metal
- Pipe
- Aluminum foil
- Cable
- Wire
- Concrete
- Glass
- Fabrics
- Leather



Figure 6.2: Visual examples of the printer's versatility, showing clear, wear-resistant, waterproof, and strong adhesion prints on diverse

materials.

Video 6.3: This video demonstrates the TJJ127 handheld printer's ability to print on various materials, including wood, paper, fabric, and glass, showcasing its versatility.

## 7. MAINTENANCE

### 7.1. Ink Cartridge Care

- Always replace the protective cover on the ink cartridge when not in use for more than 30 minutes to prevent the nozzle from drying out.
- Avoid touching the nozzle directly to prevent damage or ink smudges.

### 7.2. Cleaning

- Regularly wipe the exterior of the printer with a soft, dry cloth.
- If the nozzle is clogged, gently wipe it with a dry, lint-free cloth. Do not use excessive force or abrasive materials.

## 8. TROUBLESHOOTING

### 8.1. "Wrong Cartridge Type" Error or Intermittent Printing

If you encounter a "Wrong Cartridge Type" error or experience intermittent printing during a print job, follow these steps:

1. Navigate to the 'Settings' menu on the printer's touchscreen.
2. Select 'Nozzle' settings.
3. Change the 'Cartridge type' to "DC254".
4. Exit the settings and attempt to print again.

Video 8.1: This video provides instructions on how to resolve the "Wrong Cartridge Type" error and intermittent printing issues by adjusting the cartridge type setting.

### 8.2. Printout Looks Askew (Long Text)

When printing long text that appears askew, using the assistive tools can significantly improve alignment:

- Attach the Roller Component to the printer. This helps maintain a consistent distance and straight path during printing, especially for longer lines of text.
- Alternatively, use the Sheet Metal Positioner to create a stable guide for the printer, ensuring a straight print path.

Video 8.2: This video demonstrates how to use assistive tools like the Roller Component and Sheet Metal Positioner to achieve better printing performance, particularly for long or complex text.

## 9. SPECIFICATIONS

Feature	Detail
Model	BT-HH6205B
Product Dimensions	20.8 x 5 x 13 cm; 1.8 kg
Print Height Range	0.03 inch (0.8mm) to 1/2 inch (12.7mm)
Max Print Resolution	300 dpi (up to 600 DPI depending on settings)
Screen Size	4.3-inch HD Capacitive Touchscreen
Battery Life	16+ Hours of Operation (Lithium Ion)
Connectivity	USB
Ink Color	Black (other colors available separately)
Special Features	Lightweight, Portable, 5-Wheel Support

## 10. WARRANTY AND SUPPORT

BENTSAI is a trusted original manufacturer with over 100 global patents and advanced in-house R&D. For any product-related inquiries, technical support, or warranty claims, please refer to the contact information provided in your product packaging or visit the official BENTSAI website. The manufacturer is committed to providing high-quality products and customer service.