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> [BENTSAI BT-HH6205BL Handheld Inkjet Printer User Manual](#)

BENTSAI BT-HH6205BL

BENTSAI BT-HH6205BL Handheld Inkjet Printer User Manual

Model: BT-HH6205BL

1. INTRODUCTION

Welcome to the instruction manual for your BENTSAI BT-HH6205BL Handheld Inkjet Printer. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your device. Please read this manual thoroughly before using the printer to ensure optimal performance and longevity.

Safety Information: Always operate the printer in a well-ventilated area. Avoid direct contact with ink. Keep the device away from water and extreme temperatures. Refer to local regulations for proper disposal of ink cartridges.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x BENTSAI BT-HH6205BL Handheld Inkjet Printer
- 2 x BB22B Original Solvent Fast Dry Black Ink Cartridges
- 1 x Power Adapter
- 1 x USB Cable
- 1 x User Manual (this document)



Figure 2.1: BENTSAI BT-HH6205BL Handheld Printer with two BB22B ink cartridges. The printer is dark gray with a yellow touchscreen displaying the BENTSAI logo. The ink cartridges are black with blue labels indicating 'BB22B Black'.

3. PRODUCT OVERVIEW

The BENTSAI BT-HH6205BL is a portable inkjet printer designed for industrial applications, featuring a 4.3-inch HD capacitive touchscreen and an ergonomic handle for extended use. Key components include:

- **Touchscreen Display:** For navigating menus and creating print jobs.
- **Print Head:** Located at the bottom, where ink is dispensed.
- **Power Button:** To turn the device on and off.

- **USB Ports:** For data transfer and charging.
- **Ink Cartridge Slot:** Where the BB22B ink cartridge is inserted.
- **Trigger Button:** To initiate manual printing.
- **Photoelectric Sensor Port:** For connecting external sensors for automatic printing on assembly lines.



Figure 3.1: Detailed view of the BENTSAI BT-HH6205BL handheld printer, highlighting the 4.3-inch touchscreen, power button, USB ports, and the ergonomic handle design.

4. SETUP

4.1. Charging the Device

1. Connect the power adapter to the charging port on the printer.
2. Plug the power adapter into a standard electrical outlet.
3. The charging indicator light will illuminate. A full charge provides over 16 hours of operation.
4. Disconnect the charger once fully charged or before use.

4.2. Installing the Ink Cartridge

1. Ensure the printer is powered off.
2. Locate the ink cartridge slot on the printer.
3. Carefully remove the protective cap from the BB22B ink cartridge.
4. Insert the ink cartridge into the slot, ensuring it clicks securely into place. Do not force the cartridge.
5. Close any cartridge bay covers if present.



Figure 4.1: BB22B original solvent fast dry black ink cartridges. These cartridges are designed for quick installation and reliable performance with the BT-HH6205BL printer.

4.3. Powering On/Off

- **Power On:** Press and hold the power button until the screen illuminates.
- **Power Off:** Press and hold the power button until a shutdown prompt appears on the screen, then confirm.

5. OPERATING INSTRUCTIONS

5.1. Navigating the Touchscreen

The 4.3-inch HD capacitive touchscreen allows intuitive control. Tap icons to select functions, swipe to navigate menus, and use the on-screen keyboard for text input.

5.2. Creating a Print Job

1. From the main menu, select "New Print Job" or "Edit Print Job".
2. Choose the content type: **Text**, **Date**, **Time**, **Logo**, **Counter**, or **Barcode/QR Code**.
3. **For Text:** Enter your desired text using the on-screen keyboard.
4. **For Date/Time:** Select the desired format.
5. **For Logo:** Import images via USB (supported formats: BMP, JPEG).
6. Adjust parameters such as font, size, bold/italic, alignment, and print density as needed.
7. Preview the print job on the screen to ensure accuracy.
8. Save the print job for future use.

5.3. Printing Process

- **Manual Printing:**
 - a. Select the desired print job from the main menu.
 - b. Position the printer's print head firmly and evenly against the surface to be printed.
 - c. Press the trigger button to initiate printing while smoothly moving the printer across the surface.
- **Automatic Printing (Assembly Line Integration):**
 - a. Connect a compatible photoelectric sensor to the designated port on the printer.
 - b. In the printer settings, enable "Photoelectric Printing Mode".
 - c. Calibrate the sensor according to the assembly line setup.
 - d. When an item passes the sensor, the printer will automatically activate and print the selected job.

Ensure the print head is clean and the surface is suitable for printing to achieve optimal results.

6. MAINTENANCE

6.1. Cleaning the Print Head

Regular cleaning of the print head is crucial for maintaining print quality.

1. Power off the printer.
2. Gently wipe the print head surface with a lint-free cloth lightly dampened with isopropyl alcohol or a specialized print head cleaning solution.
3. Do not use excessive force or abrasive materials.
4. Allow the print head to dry completely before powering on the printer.

6.2. Replacing the Ink Cartridge

When the ink level is low or the cartridge is empty:

1. Power off the printer.
2. Open the ink cartridge bay.
3. Carefully remove the empty BB22B ink cartridge.
4. Insert a new BB22B ink cartridge as described in Section 4.2.
5. Dispose of the empty cartridge responsibly according to local regulations.

6.3. Storage

Store the printer in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the ink cartridge is properly installed or stored with its protective cap on to prevent drying.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Printer not powering on.	Low battery; faulty power adapter; device malfunction.	Charge the printer. Check power adapter connection. If problem persists, contact support.
Poor print quality (faded, streaky).	Clogged print head; low ink; incorrect print settings.	Clean the print head (Section 6.1). Replace ink cartridge. Adjust print density settings.
Printer not printing.	No print job selected; ink cartridge not installed correctly; print head not making contact.	Select a print job. Reinstall ink cartridge. Ensure proper contact with the surface.
Automatic printing not working.	Sensor not connected; photoelectric mode disabled; sensor calibration issue.	Check sensor connection. Enable photoelectric mode in settings. Recalibrate sensor.

8. SPECIFICATIONS

- **Model:** BT-HH6205BL
- **Brand:** BENTSAI
- **Printing Technology:** Inkjet
- **Printer Output:** Monochrome (Black)

- **Special Feature:** 4.3-inch HD Capacitive Touch Screen
- **Control Method:** Touch
- **Battery Life:** Over 16 hours of continuous operation
- **Weight:** 410g (approx.)
- **Specific Uses:** Industrial, Online Printing, Code, Date, Logo, Text
- **Included Components:** Printer, 2 Ink Cartridges
- **Ink Cartridge Type:** BB22B Original Solvent Fast Dry Black Ink Cartridge

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official BENTSAI website. You may also contact BENTSAI customer service directly for assistance.

BENTSAI Official Website: [BENTSAI Store on Amazon](#)