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› BENTSAI BT-HH62 Series Handheld Inkjet Printer User Manual

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Model: BT-HH62 Series

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1. OVERVIEW

The BENTSAI BT-HH62 Series Handheld Inkjet Printer is a versatile and portable coding solution designed for various industrial and commercial applications. This device allows for efficient printing of batch numbers, date codes, logos, serial numbers, and QR codes on a wide range of surfaces including plastic, cardboard, wood, and metal. Its ergonomic design and advanced features ensure reliable and high-quality printing.



Figure 1: BENTSAI BT-HH62 Series Handheld Inkjet Printer

2. WHAT'S IN THE BOX

Upon unboxing your BENTSAI BT-HH62 Series Handheld Inkjet Printer, please verify that all the following components are included:

- BT-HH6210BL Handheld Inkjet Printer
- EB22B Fast Dry Black Ink Cartridge
- Metal Positioner

- Roller Guide
- Sensor

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Video 1: Unboxing and overview of the BENTSAI Handheld Printer. This video demonstrates the contents of the package and a general look at the printer's design and features.

3. KEY FEATURES

- **Extended Power:** Offers over 16 hours of non-stop operation with reduced recharge frequency due to unique motherboard technology.
- **Seamless Assembly Line Integration:** Equipped with a high-precision photoelectric sensor for instant item detection and automatic printing, ideal for assembly line operations.
- **Adjustable Print Height and Contents:** Supports adjustable print heights from 0.03 inches (0.8mm) to 1 inch (25.4mm) and can print up to 10 lines of text. Capable of printing batch numbers, QR codes, dates, text, logos, pictures, and variable data.
- **Versatile Coding Solutions:** Utilizes 42ml quick-drying ink suitable for various surfaces including wood, cardboard, plastic, polyethylene, metal, glass, ceramic, aluminum foil, and concrete.
- **Upgraded Ergonomic Design:** Weighs 410g for portability, features an upgraded 5-roller system for smoother printing, and includes an ergonomic handle with a 4.3-inch HD touchscreen for effortless and intuitive use.



Figure 2: Key features of the BENTSAI BT-HH62 Series, highlighting its resolution, roller system, battery life, weight, and touchscreen.

2× Duration, **Less** Recharge



Other handheld printers on the market last 8 hours only

2600 mAh



Figure 3: The extended battery life of the BENTSAI BT-HH62 Series, offering up to 16 hours of operation.

4. SETUP GUIDE

4.1 Charging the Printer

Before initial use, fully charge the printer using the provided power adapter. The charging port is located on the top of the device. A full charge ensures optimal performance and extended operation time.

4.2 Installing the Ink Cartridge

1. Open the ink cartridge compartment cover on the top of the printer.
2. Carefully insert the EB22B Fast Dry Black Ink Cartridge into the slot, ensuring it clicks into place.
3. Close the compartment cover securely.
4. Remove the protective cap from the ink cartridge nozzle before printing.

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Video 2: This video demonstrates the installation of the ink cartridge and various applications of the BENTSAI BT-HH62 Series printer.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- To power on, press and hold the power button until the screen illuminates.
- To power off, press and hold the power button until the shutdown prompt appears, then confirm.

5.2 Creating and Editing Print Content

The 4.3-inch HD touchscreen allows for intuitive creation and editing of print content. You can input text, dates, batch numbers, and other variable data directly on the screen.

- Navigate through the menu using the touchscreen.
- Select options for text, date, QR code, barcode, and image printing.
- Adjust font size, style, and print orientation as needed.

5.3 Importing Content via USB

The printer supports importing external fonts, images (JPG, PNG, BMP), and variable data via a USB flash drive. Insert the USB drive into the designated port and follow the on-screen prompts to import your files.



Figure 4: The printer's capability to print content directly from USB files, including external fonts, images, and variable data.

5.4 Printing on Various Surfaces

The BT-HH62 Series is designed for printing on diverse materials. The built-in roller sensor ensures smooth and consistent printing as long as the printer's rollers maintain contact with the object's surface.

- Place the printer's nozzle gently on the surface to be printed.
- Press the print trigger button.
- Slide the printer smoothly across the surface to apply the print.
- For precise positioning, utilize the included metal positioner.

Coding Solutions for Various Industries

Plastic



Carton



Product Model	Ink Cartridge
Size(cm)	10 x 6 x 1.5
Weight(g)	1000
Pack	6
Date	2025/03/16

Wood



Fabric



Metal



Glass



Foam



Ceramic



Figure 5: Examples of printing applications across various materials such as plastic, carton, wood, fabric, metal, glass, foam, and ceramic.

Photoelectric Sensor Printing

Integrate Seamlessly with Conveyor

Suitable for

Batch Coding, Lot Marking, Expiry Date Coding, Logo Printing



Figure 6: The photoelectric sensor enables automatic printing on assembly lines for batch coding, lot marking, expiry dates, and logos.

Print Various Contents



Figure 7: The printer supports various content types including QR codes, signs, pictures, variable data, time auto-updates, production dates, and batch numbers.

6. MAINTENANCE

6.1 Ink Nozzle Cleaning

To ensure clear and complete prints, regular cleaning of the ink cartridge nozzle is essential, especially if prints appear unclear or incomplete due to ink drying or clogging.

1. Wet a tissue with alcohol.
2. Cover the ink cartridge nozzle with the wet tissue.
3. Gently shake the cartridge vigorously up and down to dislodge any dried ink.
4. Drag the ink cartridge across the tissue to print two lines, ensuring ink flows freely.
5. If streaks persist, repeat the above steps.
6. After each use, remove the ink cartridge from the printer.
7. Wipe the nozzle surface again with an alcohol-wet tissue.
8. Clean any residual ink on the protective cap.

9. Cover the nozzle with the protective cap to prevent ink from drying.

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Video 3: Detailed guide on how to clean the ink nozzle to prevent clogging and ensure optimal print quality.

6.2 Storage

Store the ink cartridge in a cool, dry, and shaded area when not in use. Ensure the protective cap is securely placed on the nozzle to prevent ink from drying out.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unclear or Incomplete Prints	Ink nozzle clogged or ink dried.	Perform ink nozzle cleaning as described in Section 6.1. Ensure the protective cap is used when storing the cartridge.
Printer Not Powering On	Low battery or power cable issue.	Charge the printer fully. Check the power adapter and cable for damage.
Printing Not Starting	Print trigger not pressed, rollers not in contact with surface, or no content selected.	Ensure the print trigger is pressed, the printer rollers are in firm contact with the surface, and print content is selected on the screen.
Difficulty Printing on Certain Surfaces	Surface texture or material incompatibility.	Ensure the surface is clean and dry. For very uneven surfaces, use the roller guide or consider alternative printing methods if the material is highly absorbent or non-porous beyond the ink's capability.

8. SPECIFICATIONS

Feature	Detail
Brand	BENTSAI
Model Name	BT-HH62 Series
Printing Technology	Inkjet
Connectivity Technology	USB
Special Features	Display Screen, Lightweight, Portable
Color	Dark Grey
Printer Output	Monochrome
Max Print Speed (Monochrome)	60 ppm
Product Dimensions (D x W x H)	8.19"D x 1.77"W x 5.24"H

Feature	Detail
Print Media	Fabric, Labels, Wood, Cardboard, Plastic, Polyethylene, Metal, Glass, Ceramic, Aluminum Foil, Concrete
Ink Color Options	Black, White, Cyan, Green, Yellow, Magenta, Invisible (UV)
Resolution	600 x 600 DPI (Max Print Resolution Black and White), 300 DPI (Max Print Resolution Color)
Control Method	Touch
Compatible Cartridge	BENTSAI EB21 Series Ink Cartridges, BENTSAI EB22 Series Ink Cartridges
Total USB Ports	1
Maximum Media Size	Unlimited
Dual-sided printing	No (Simplex)

9. WARRANTY AND SUPPORT

9.1 Product Warranty

The BENTSAI BT-HH62 Series Handheld Inkjet Printer comes with a **1-Year Warranty** from the manufacturer. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your BENTSAI product, please contact BENTSAI customer support. Refer to the contact information provided in your product packaging or visit the official BENTSAI website for further details.

You can also visit the [BENTSAI Store on Amazon](#) for additional resources and product information.