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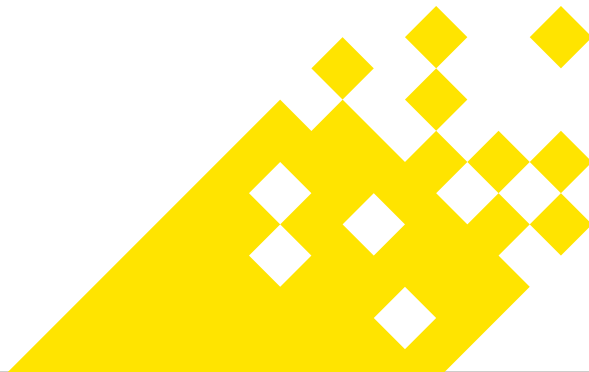
115 Huawei Road, Xiangzhou District, Zhuhai

FPG-0036-01



USER MANUAL

BT-HH6105/B30 Series
(12.7mm/25.4mm)
Handheld Inkjet Printer





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Parts Composition



Differences between 12.7mm and 25.4mm print head

Operation Procedures

- ① **Ink cartridge installation:** Press the upper cover opening button to open the upper cover, insert the ink cartridge into the machine, and close the upper cover.
- ② **Printing procedure:** Press the power switch to start the machine → [Print Edit] → Select the content type → Edit the content → Click [Print] → Remove the protective cover of the nozzle → Lay the main and auxiliary rollers to the product surface → Hold down the print button and slide at a constant speed after hearing the "beep" sound to print → Print job done.
- ③ **Printer close procedure:** Click the [Cancel] button when printing job finished → Recap the nozzle protection cover.

Features

- 01 Quad-core CPU
- 02 Thermal inkjet technology
- 03 Large-capacity rechargeable and removable battery
- 04 300/600dpi HD printing quality
- 05 4.3-inch color HD LCD capacitive touch screen

Technical Specifications








Content	Parameter	
Name	6105 handheld inkjet printer	B30 handheld inkjet printer
Printing accuracy	300dpi/600dpi	300dpi
Printing height	12.7mm	25.4mm
Machine size	138*54*217mm	136*49.9*232.65mm
Net weigh	450g(Battery included)	460g(Battery included)



Technical Specifications

Content	Parameter
Operating system	Linux
Printing Technology	Thermal Inkjet
Screen	4.3-inch touch screen
Status indicator	Green: Ready Blue: Printing Red: Alarm
Language	Chinese, traditional Chinese
Printing distance	2-5mm(Ink throw distance)
Ink capacity	42ml
Printing content	Text, QR code, barcode, time, number, image, database, etc.
Printing font	True type fonts, dot matrix fonts
Battery parameters	2600mAhlithium battery pack
Operating environment	Temperature 5-35°C (15-35°C recommended), humidity 10%-80%
Output voltage	DC 9V/2A
Printable material	Porous and Semi-porous substrates: Water-based ink cartridges Non-porous substrates: Solvent based Quick dry ink cartridges
Ink colour	Quick dry: Black, White, Magenta, Yellow,Cyan, Green, Anti-counterfeiting Water-based: Black, Magenta, Yellow, Cyan

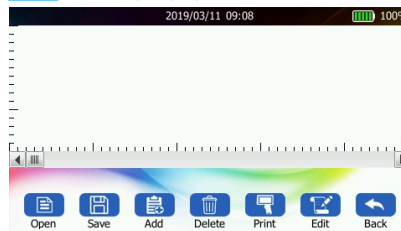
Precautions


-  Do not use non-genuine ink cartridges.
-  In case of any abnormality of the machine, see Troubleshooting. Do not disassemble the machine without permission.
-  Do not remove the smart chip stuck on the cartridge without permission, otherwise, the machine may not be used properly.
-  When cleaning the machine, keep it away from water and do not use chemical solvents for cleaning.
-  After printing, close the protection cover of the nozzle in a timely manner to prevent ink nozzles from clogging.
-  Do not place the machine in a humid environment for a long time, Otherwise the circuit will get damp.
-  Once the battery is removed, reset the system date of the printer.

Main Menu



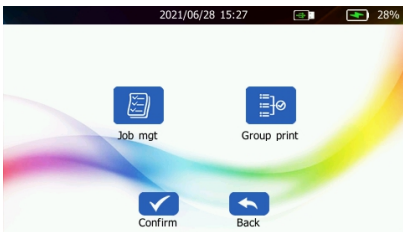
Print Edit



-  Edit what you want to print
- Open: Open the print file saved by the printer.
- Save: Archive the currently edited content.
- Add: Add content from other categories, such as QR code,image, time,tags,and more.
- Delete: delete the current edit content.
- Print: Click the Print button and the printer starts printing.
- Edit: Reedit selected content.
- Back: Return to the main menu.



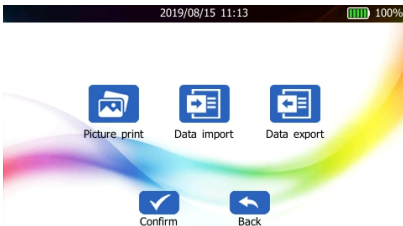
Print Management



! Group printing and job management

- Group printing: Add multiple printing files to the print list, and print the file list in sequence.
- Job management: Rename or delete the print files.

Date Import and Export



! Data import and export support three formats: TXT format, BMP format, XJOB format.

This function only configures individual models.

Note: For import and export text format, the content can only be text.

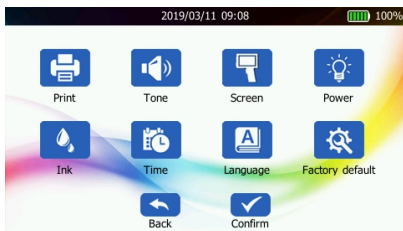
Database Printing



! Can print variable text, QR code and barcode, realizing one object with one code (variable marking). This function only configures individual models.

Note: For database printing, the database file needs to be in TXT or CSV format saved as "Unicode text (*.txt)" or CSV UTF-8 (*.CSV).

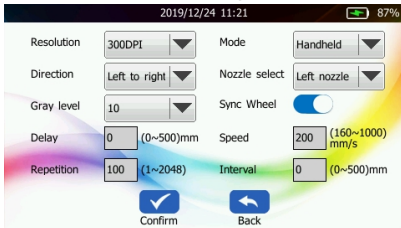
System Settings



- Print settings: Set print parameters.
- Tone settings: Set the tones.
- Screen settings: Set screen brightness.
- Power: Set the standby and shutdown time.
- Cartridge parameter setting: Adjust the cartridge voltage and pulse width parameters.
- Language: Set system language.
- Time: Set system time.
- Factory default: Reset system parameters.

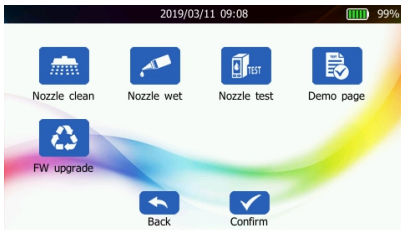


Print Settings



- Resolution: 300/600dpi.
- Printing mode: Hand-held, Photoelectric, Continuous.
- Printing direction: left to right, right to left, automatic recognition.
- Nozzle selection: left inkjet, right inkjet.
- Gray scale: 1-10 adjustable.
- Synchronous wheel: This parameter can be set in continuous mode.
- Printing speed: 20-500mm/s(Photoelectric and Continuous mode).
- Printing delay: In photoelectric, continuous mode can be set (depending on the machine display).
- Printing interval: In photoelectric, continuous mode can be set (depending on the machine display).
- Printing times: Set the total number of single printing in continuous mode.
- Print interval: Set the distance between two prints in continuous mode.

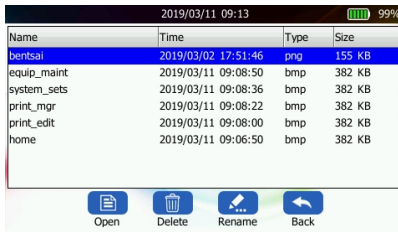
Device Maintenance



- ! Maintenance for printer and ink cartridges and system firmware upgrades.

Note: If the power is insufficient, the firmware upgrade will fail. Please upgrade the firmware while connecting the charger.

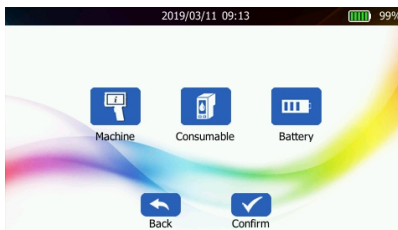
U-Disk



- ! Expand the machine storage space for the convenience of printfile download, transfer, call and operability enhancement.

Note: The imported and exported files and images should be named with numbers and letters only, no special symbols. The image format needs to be in any of the three formats: bmp, jpg and png. The image pixels cannot exceed 4800*200 (Horizontal* Vertical) for the 12.7mm(Half-inch) printer, and the image pixels cannot exceed 4800*150 for the 25.4mm(One-inch) printer.

Device Information



- ! Check product models, firmware versions, ink cartridge status, battery status, charging times, number of ink droplets, remaining power, and battery percentage display.



Troubleshooting

No.	Failures	Cause	Solutions
1	Failed to power on	Ink installation anomaly	Check the cartridge installation status. Reinstall the cartridge
		Parameter Settings are incorrect	Restore factory Settings
		Print content is edited incorrectly	Edit the print again
		Print mode setting error	Reset the print mode
		Abnormal roll of the roller	Clean the roller gap foreign matter
2	Failed to print	Ink cartridge nozzle dogged or foreign body	Clean sprinkler surface
		Ink exhaustion	Change cartridge
		Grey set is not correct	Reset the print gray level
3	Unclear Printing	Battery shortage or damage	Charge or replace the battery
		Poor battery contact	Reinsert the battery port

Error messages shown on printer screen and Solutions

No.	Error Message	Error Message Code	Solutions
1	Ink cartridge not installed	NA	Reinstall the ink cartridge
2	Ink cartridge not recognized	03	Replace the cartridge or cartridge smart chip
3	Ink cartridge error	04/05/07/08	Replace the cartridge or cartridge smart chip
4	Ink cartridge error	06	Incorrect cartridge installed, replace with the correct cartridge model
5	Ink low	NA	Ink volume less than 5%
6	Ink finished	NA	Ink volume less than 20%

Packing List

No.	Name	Quantity
1	Handheld Inkjet Printer	1set
2	Genuine ink cartridge	1pcs
3	Power adapter	1pcs
4	USB flash drive/Photoelectric sensor	1pcs
5	Sheet metal positioner	1pcs
6	Roller compenents	1pcs
7	Certificate	1pcs
8	User Manual	1copy
9	Cleaning solution	1bottle

Note: Optional accessories and components need to be purchased independently.

Warning

Replacing the battery with an incorrect type may bring the risk of fire, explosion, or damage to the device. Replace only with the same or equivalent battery type.

Throwing a battery into a fire, into a hot oven, mechanically crushing or cutting a battery can cause an explosion.

Batteries may be subjected to high or low temperature extremes or high altitude and low air pressure during use, storage or transportation.

Exposing the battery to extremely high temperature or low pressure may result in an explosion or leakage of flammable liquid or gas.



Warranty Instructions

Dear customer,

Thank you for purchasing our handheld/inline inkjet printer!
To ensure the safe use of the product and your benefits and interests, please read the following content carefully, fill in and keep the warranty card properly.

This product is a precision instrument. In case of any abnormality, refer to this manual for troubleshooting or contact the customer service center of your seller.

Term of Service

1. This product is with a one-year warranty period. The starting date of the warranty period is subject to the date of the product invoice.
2. During the warranty period, if the product is under normal use and maintenance and failure is caused by the quality of the machine itself, the company will provide free repair and replacement parts.
3. Vulnerable parts are excluded, such as ink cartridges, screens, removable storage, switches, chargers, batteries, which shall not be covered by the warranty.

Disclaimer

Any of the following conditions shall not be covered by the warranty :

1. Damage due to improper transportation, use, storage, and maintenance, or man-made damage.
2. Unauthorized repair or the user installs, disassembles, and repairs the machine by himself.
3. Damages caused by using non-genuine consumables or accessories which are not provided by the company.
4. Missed or modified warranty card.
5. Beyond the warranty period.
6. Damage caused by force majeure .

Warranty Card

Product Related information

Customer name : Contact phone :

Mailing address :

Product model : Product ID:

Store purchased: Purchase date :

Maintenance store : Invoice No. :

Maintenance record

Date of Maintenance:

Failure Description:

Solution :

Maintained by: Contact Phone: Staff Signature:

Fill in this warranty card in time after purchasing this printer.
Please keep the warranty card properly, and it is not required to send it back to the seller. Carry the warranty card and the original invoice for maintenance.

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