

Certificate



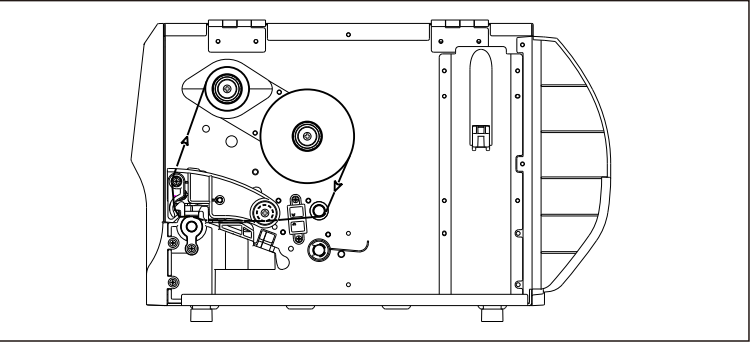
Warranty Card

Product Model	
User's Name	
User's Add.	
Date of Purchase	
User's Contact	
Distributor Name	
Distributor Add.	
Machine Fault Description:	

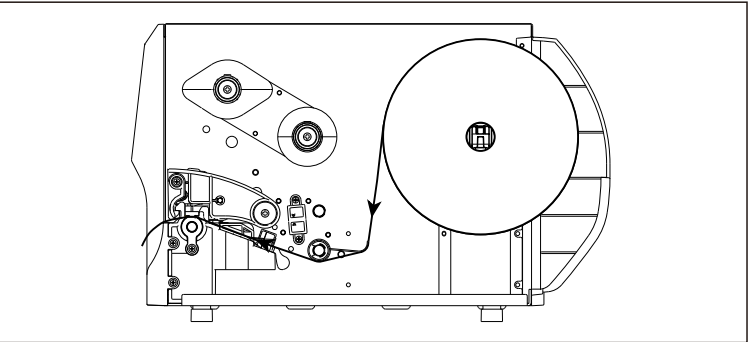
Note: Please keep the warranty card properly for after-sale maintenance.

Installation path

Ribbon installation path

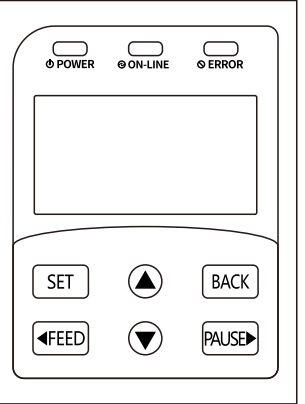


Paper installation path



* Model specifications, accessories, parts and programs are mainly based on the actual machine, subject to change without notice.

Control Panel



Indicator light	Status	Indicator
POWER	OFF	Printer power off
	ON	Printer power on
ON-LINE	ON	Printer in ready" state
	Flashing	Pause
		Downloading data to printer
ERROR	OFF	Printer in ready" state
	Flashing	Printer on
	Flashing	"Label exhausted", "Paper jam" or "Carbon Exhaustion"

Button	Function	Button	Function
SET	Go to the next setup page	PAUSE	Continuous printing pause
BACK	Return to next page	▲	Upward selection
FEED	Button feed	▼	Downward selection

Technical Parameter

Model	GP-CH421	GP-H420F	GP-CH431	GP-H430F
Print Method	Thermal/thermal transfer			
Print Resolution	203dots/inch(8dots/mm)		300dots/inch(11.8dots/mm)	
Print Speed	2~5inch/s	2~10inch/s	2~4inch/s	2~10inch/s

Interface	USB+Serial+Ethernet	
Dot size	1mm=8dots	1mm=11.8dots
Max. Printing Width	104mm	106.7mm
Max. Printing Length	1500mm	800mm
Printer Dimensions	425mm×255mm×265mm (L×W×H)	
Weight	9.65KG	
Working Environment	Temperature: 5~40 °C , Humidity: 20~90%RH	
Storage Environment	Temperature: -25~55 °C , Humidity: 20~93%RH	
Pulse Excitation	1×10 ⁶ Pulses	
Power input	AC200-240V 1.5A 50/60Hz	
Ribbon OD	80mm	
Ribbon Length	450m	
Ribbon Core Size	1inch (25.4mm)	
Ribbon Width	Max.110mm, Min.30mm	
Ribbon Rolling Up Method	Outward Rolling	
Media Roll OD	200mm	
Media Type	Continuous, gap, black mark, tag, wash label, ribbon	
Media Rolling Up Method	Print surface outside roll type	
Media Width	Max.118mm, Min.20mm	
Media Thickness	Max. 0.254mm, min. 0.06mm	
Media Roll Core Size	25.4mm~38mm	
Media Gap	Min.2mm	
Label length	10mm~1500mm	10mm~800mm
	Note: If you are using a label less than 25.4mm in length, it is recommended to use a label paper with perforated lines in the gap for easy tearing.	
Cutter (optional)	Cutter life: 1 million times	
Print head (reliability)	30km	

*The printer interface, printing speed, print head resolution and other parameters are subject to the actual printer.

*Planned product nameplates are affixed to the bottom of the machine, so keep an eye out for realtime information!

Warranty clause

Warranty scope and period

- Warranty is limited to defects in material and workmanship.
- The warranty period is calculated from the date of invoice to the Customer or, if the Customer is not able to provide the proof of invoice, then the date of shipment from Zhuhai Howbest Label Printer Co., Ltd.
- Warranty period:
 - Printer: 12 months
 - Print head: 6 months or 30KM whichever comes first

Warranty service principles

- Free warranty for products during the warranty period and in warranty scope.
- A warranty card is required for repairs of printer.
- Beyond the warranty period, certain maintenance cost will be charge by Gprinter..
- The warranty is invalid if disassembly or repairs by non-Gprinter technical engineers.
- The repair printer must be packaged in its original packaging or in a package with considerable protection. It is not under the warranty if damage caused by shipping package.

Non-warranty clause

- No warranty card or contents of warranty card have been altered.
- Defects or damage caused by improper maintenance.
- Damage caused by water or has objects.
- Damage of print head caused by the use of excessive thickness of media.
- Damage of print head caused by use of inferior consumables.
- Defects or damage from improper operation or force majeure.
- Use the printer for other purposes beyond scope of use.
- Damage caused by repairs by non-Gprinter technical engineers.

The final interpretation right of the above terms is reserved by Zhuhai Howbest Label Printer Co., Ltd.

The restriction of the use of certain hazardous substances in electrical and electronic equipment

1. Name and content of hazardous substances in products :

Item	Toxic and hazardous substances or elements					
	Pb	Hg	Cd	Cr6+	PBB	PBDE
Power supply / electrical components	×	○	○	○	○	○
Print head	×	○	○	○	○	○
Metal parts	×	○	○	○	○	○
Motherboard	×	○	○	○	○	○
Cable	×	○	○	○	○	○
Packaging and accessories	○	○	○	○	○	○
This table is made in compliance with SJ/T11364 regulations. O: Indicates that this toxic or hazardous substances contained in all the homogeneous materials for this part, according to GB/T26572 is within the limit requirement. X: Indicates that this toxic or hazardous substances contained in all the homogeneous materials for this part, according to GB/T26572 is over the limit requirement.						

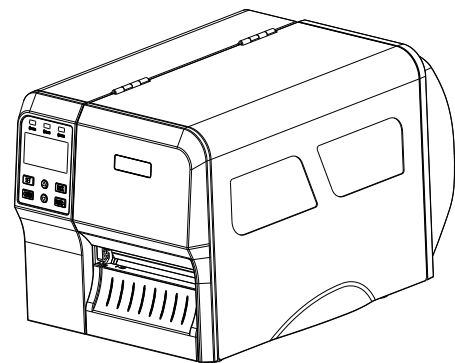
2. Restricted use signs for hazardous substances in electronic and electrical products :

 All electrical and electronic products sold in the People's Republic of China must be marked with this symbol, and the number used in the symbol represent the environmentally friendly use period of electronic and electrical products under normal use condition.

-  **Warning:** This product is an A-level product. In a residential environment, running this equipment may cause Radio jamming.
-  **Warning:** Sharp edges, can not touch.
-  **Warning:** Overheat parts! Touching this component can burn your fingers. After turning off the power, wait for half an hour before touching the component.

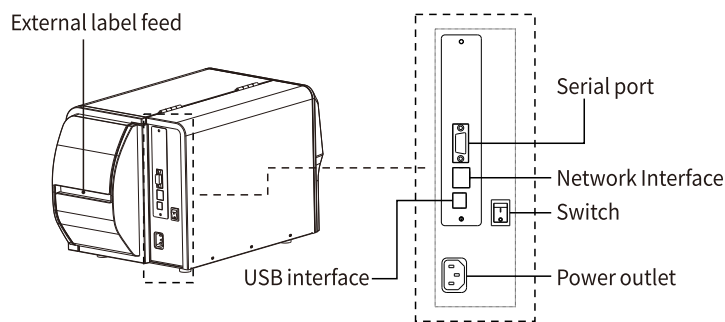
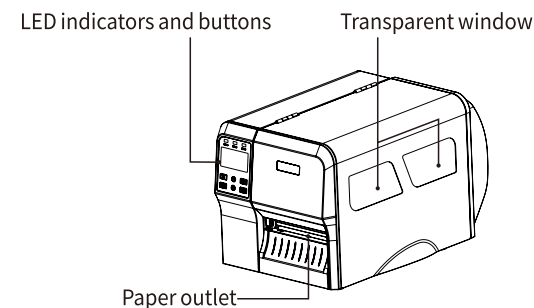


Fast Installation Guide



Thermal Transfer Barcode Printer
GP-CH421、GP-CH431、GP-H420F、GP-H430F

The name of each part of the printer

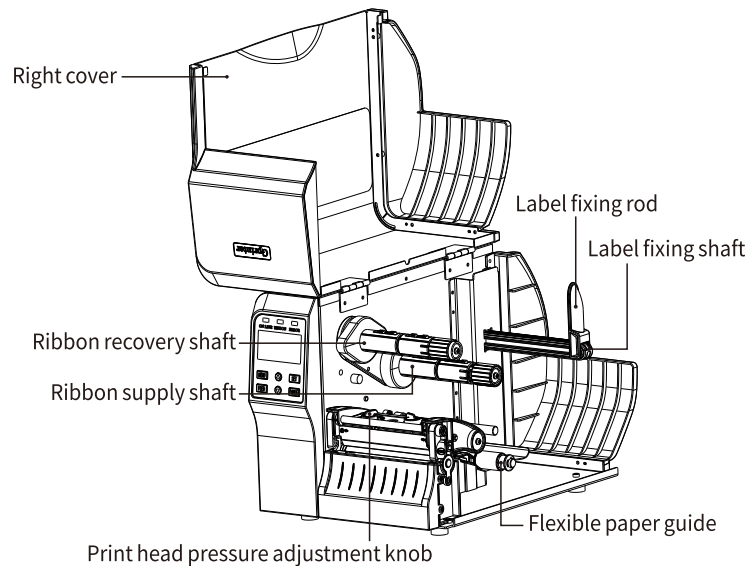


This device contains model approval codes (respectively):

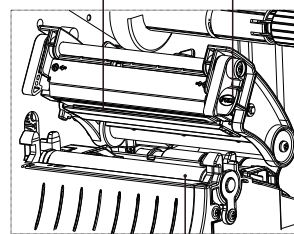
CMIIT ID: 2021DP10891, CMIIT ID: 2021DP11268, CMIIT ID: 2021DP14290, CMIIT ID: 2019DP4046, CMIIT ID: 2018DP1893

Note:

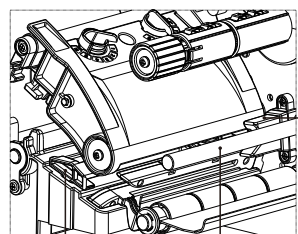
The interfaces and appearance of the printer in the picture will vary according to the type of model you purchased. For the actual interfaces and appearance please subject to the actual product.



Print Head Print head cover hook

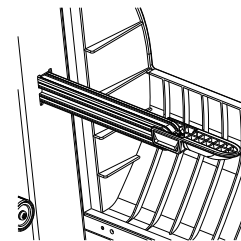


Paper exit rubber roller

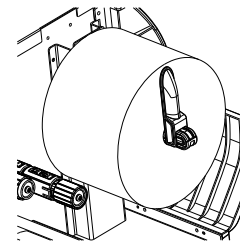


Sliding paper block R Ribbon guide shaft

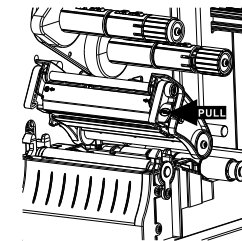
Install Paper



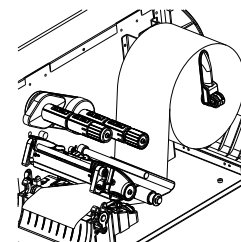
1. Move the paper loading block horizontally to the end and level it as shown in the figure above.



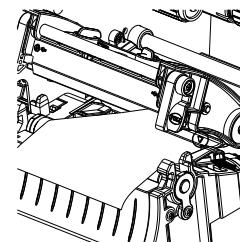
2. Install the print paper roll on the paper roll installation shaft, put the paper block upright and adjust it to an appropriate position so that it lightly touches the edge of the paper roll.



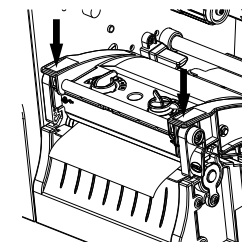
3. Push the print head open cover hook in the direction of the arrow in the figure to open the print head.



4. Pass the front end of the printing paper through the flexible paper guide channel and make the printing paper pass the gap black mark sensor upward. (Please refer to the "Paper Installation Path" icon below)



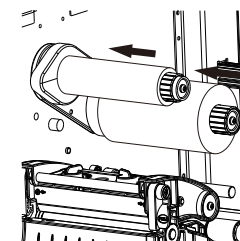
5. Adjust the paper clip to adapt to the width of the paper. Adjust the gap black mark sensor, and make sure that the gap (or black mark) of the paper has a triangular position passing through the sensor.



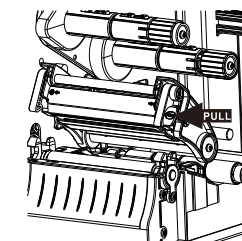
6. Press both ends of the print head as shown in the figure, close the print head and confirm that the cover-opening hook is engaged in the groove and enters the fully closed state, and make sure that the paper reaches the sensing position of the first sensor.

Install The Ribbon

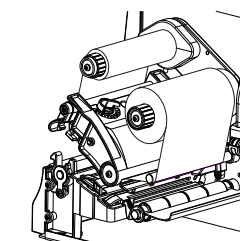
- Thermal printing, no need to install ribbon, this step is omitted;
- Thermal transfer printing. The factory supports external carbon printing by default. Please make sure that the ribbon you are using is external carbon.
- When the width of the ribbon is less than 110mm, please push the ribbon to the bottom of the ribbon shaft.



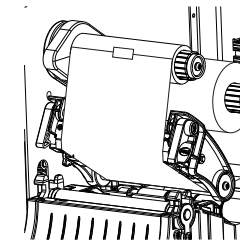
1. Lift the right cover of the printer, and install the ribbon and empty paper roll on the ribbon supply shaft and the ribbon recovery shaft respectively.



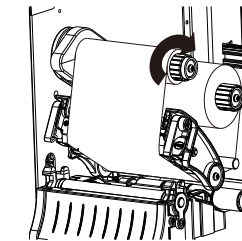
2. Push the print head open cover hook in the direction of the arrow in the figure to open the ribbon holder.



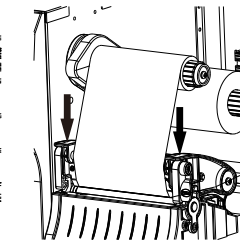
3. Pull the front end of the ribbon through the ribbon guide bar and through the ribbon sensor, then pull it forward. (Please refer to the "Carbon Ribbon Installation Path" illustration below)



4. Fix the smooth and wrinkle-free front end of the ribbon on the empty paper roll.



5. Roll the ribbon recovery shaft 3-5 by hand to make the ribbon fully tensioned.



6. Press both ends of the ribbon base as shown in the figure, close the ribbon base and make sure that the hook of the cover is caught in the groove and enters the fully closed state.



After-Sales Service

Thermal Transfer Barcode Printer
GP-CH421、GP-CH431、GP-H420F、GP-H430F



Scan the QR code or log in to the official website to download the driver.

<http://en.gprinter.net/>