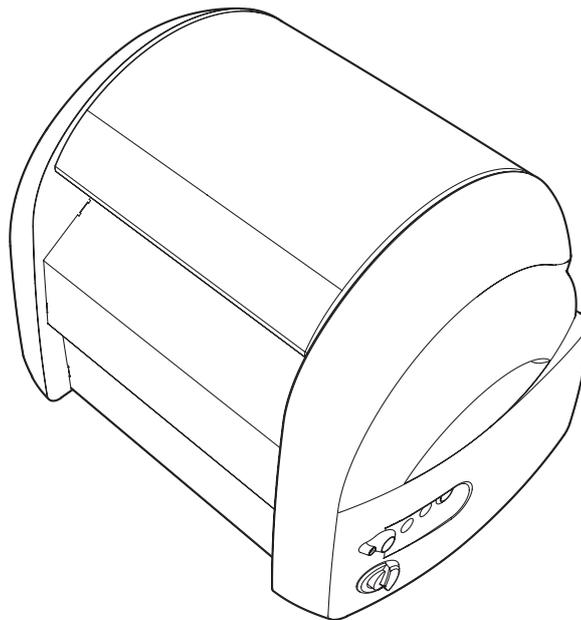


CPM-200

OPERATION MANUAL

Ветроп



- Read this manual before operation.
- Keep this manual in a safe place.
- It is prohibited to reproduce part or all of the manual without our permission.
- The information in the manual is subject to change without prior notice.



Contents

Be Sure to Read These

Introduction	3
Conventions Used in This Manual	3
Precautions for Use	4
Disclaimers	4

Product Specifications 5

Before Use

Package Contents	6
Component Names.....	6
Main Key Functions	6

Machine Preparation

Loading the Tape.....	7
Inserting the Refillable Ribbon Cartridge	8
Replacing the Ribbon Refill	9
Installing (Replacing) the Cutting Tool (Blade)	11
Adjusting the Cutting Pressure	12
Connecting the Cable and Turning On the Power.....	13

BepopPC EX Software Installation

Please read before installing.	14
BepopPC EX Printer Driver Installation	15
CPM-200 IP Address Settings	20

First let's give it a try!

Make a sign layout.....	22
Check the remaining sheet length.	25
Adjusting the print temperature.....	26
Making a cutting layout, and cutting a sign.....	27
How to apply cut letter designs.....	28

Uninstall method

How to uninstall "BepopPC EX".	31
Printer Uninstall	32

How to use Bepop-net 32

Trouble Shooting 33

Be Sure to Read These

Introduction

Thank you for purchasing the CPM-200.

The CPM-200 is a 200 mm width signs and labels creating machine that enables anyone to easily create displays, such as signboards and guide displays, and colorful, high quality labels. To maximize service life of the product, please use the CPM-200 in accordance with operation manual.

Conventions Used in This Manual

■ Indications

The manual and machine use various indications to ensure that you can use the machine safely and correctly. The following describes the indications:

 WARNING	NEGLIGENCE OF THIS COULD LEAD TO A DEATH OR SERIOUS INJURY OF A WORKER.
 CAUTION	NEGLIGENCE OF THIS COULD LEAD TO AN INJURY OF A WORKER, DAMAGE YOUR MACHINE, OR CAUSE CREATED DATA TO BE LOST.

■ Symbols

 Denotes “what you should be aware of.” A specific caution is given in or close to this symbol.	 Denotes “what you must not do.” A specific prohibition is given in or close to this symbol.	 Denotes “what you must do.” A specific instruction is given in this symbol.
---	--	--

Precautions for Use

WARNING

<ul style="list-style-type: none"> • Do not insert any foreign object into the machine, such as a finger, pen, wire, etc. It could malfunction or result in a fire, electric shock, or injury. • Never put a hand or an object into a cutter section. It can both cause machine damage and personal injury. • Use the supplied power cord. Not using it could result in a fire or electric shock. • Obtain power directly from an electrical outlet. Do not put multiple loads on the electrical outlet. It could cause a fire. • Do not modify the power cord. Doing so could cause a fire or electric shock. • Never place a heavy object on a power cord. It may damage the cord, resulting in a fire or electric shock. 	<ul style="list-style-type: none"> • Ensure that no water or chemicals are splashed over the machines. If water, etc., gets inside for some reason, disconnect the power plug immediately from the electrical outlet, and contact your dealer for repair. If the machine is used in such a state, it could malfunction or result in a fire or electric shock. • Do not use the machine if it has a symptom of a problem. Such as smoke, abnormal sound, or foul odour. Using the machine in such a state could result in a fire or electric shock. In such a case, immediately disconnect the power plug from the electrical outlet, and contact your dealer for repair.
<ul style="list-style-type: none"> • Do not use a bundled power cord. The emitted heat may cause a fire or malfunction. Be sure to unbundle the power cord before use. • Do not connect or disconnect a power plug with a wet hand. You could receive an electric shock. • Do not operate the machine with wet hands or wet clothes. You could receive an electric shock. • Do not place a paper cloth on the machine when it is connected to an outlet. Doing so could cause a fire or malfunction. • When disconnecting the power plug, hold it directly; never pull on the power cord. Pulling on the cord can damage it, resulting in a fire or electric shock. 	<ul style="list-style-type: none"> • Never disassemble or remodel the machine. It could result in a fire, electric shock, or trouble. • Run the machine only on the indicated supply voltage. Use of any other voltage could result in a fire or trouble. • Be sure to ground the machine. Otherwise, if a short circuit occurs, a fire or electric shock may result. • Clean the power plug periodically. Dust accumulated over a long period could cause a fire or trouble. • Keep the cutting tool (blade) out of the reach of children. If swallowed, seek immediate medical attention.

CAUTION

<ul style="list-style-type: none"> • Install the machine on a flat surface. Do not install in an unstable location, such as on a wobbly platform or an inclined surface. The machine could fall over or fall from the platform and cause injury or malfunction. • Do not use the machine under direct sunlight, in a hot, humid location, or when there is condensation. It may cause unstable operation or a malfunction. • Do not share an electrical outlet with any device (air conditioner, refrigerator, microwave, office automation equipment, etc.) that requires a large capacity. It could lower the supply voltage and cause the machine to malfunction. • Do not directly touch the USB connector with your hands. Static electricity may cause trouble. 	<ul style="list-style-type: none"> • When not using the machine for a long time, be sure to disconnect the power plug from the electrical outlet for safety. • When moving the machine, be sure to disconnect the power plug from the electrical outlet. Moving the machine with the power plug connected to the electrical outlet may damage the plug or cord and cause a fire or electric shock.
<ul style="list-style-type: none"> • Never touch the print head. Immediately after printing, it is very hot and could burn you. Also, if the printing head is thumbed, it may cause trouble. 	<ul style="list-style-type: none"> • When printing or cutting does not function properly due to jamming of an adhesive tape, ribbon refill, or foreign object inside the machine, be sure to turn off the power before eliminating jamming. Otherwise, you could be injured by abrupt activation of the machine. • When opening or closing a door cover, be careful not to get a hand, etc., caught. • When moving the machine, be sure to close the door cover and hold the bottom of the body to carry it. Neglecting this could cause an injury or trouble. • When replacing the cutting tool (blade), be sure to turn off the power. Otherwise, you could be injured by abrupt activation of the machine. • Note that the edge of the cutting tool (blade) is very sharp. Do not touch it. You may be injured.
<ul style="list-style-type: none"> • Data saved in a personal computer cannot be saved permanently. <u>We cannot be responsible for damage due to loss of data attributable to trouble or repair, or lost profit.</u> 	

Disclaimers

MAX will not be held responsible for any damages that occur as a result of not following the instructions in this manual, damages and lost profits resulting from not being able to use the machine (malfunction), or any relevant secondary damages.

Product Specifications

Product		CPM-200G
Printer section	Printing method	Thermal transfer
	Printing density	300dpi
	Printing speed	1.0"/sec. (25mm/sec.)
Cutter section	Resolution	0.001"/step (0.025mm/step)
	Cutting speed	4.7"/sec. max (120mm/sec. max) (axial direction)
Maximum output range		8" × 78.7" (200 × 2,000mm)
Interface		USB2.0 LAN 100baseTX
Working environment		Temperature 50 - 80°F(10 - 27°C) (77°F(25°C) recommended for process color) Humidity: 35 - 70 % (No dew condensation allowed)
Power input		AC 100 - 240 V 50/60 Hz
Rated current		2A
Outer dimensions		13.8" × 12.4" × 12.4" (425mm × 315mm × 315mm) (W) × (D) × (H)
Mass (Main body only)		34.2lbs (15.5 kg)

* Design, specifications, and the like are subject to change without notice.

FCC CAUTION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

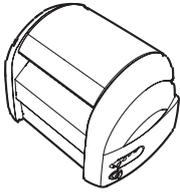
- (1) l'appareil ne doit pas produire de brouillage;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Before Use

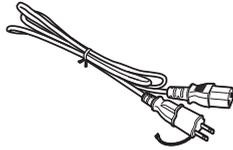
Package Contents

Open the package and confirm that all of the following items are included.

(1) CPM-200



(2) Power Cord



(3) Cutting Tool (Blade)
(1 pc.)



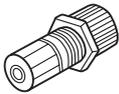
(4) Weeding Tool



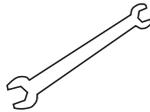
(5) Squeegee



(6) Blade Holder
(Attached upon shipment)



(7) Blade Holder
Replacing Spanner



(8) PC Software
(CD-ROM)

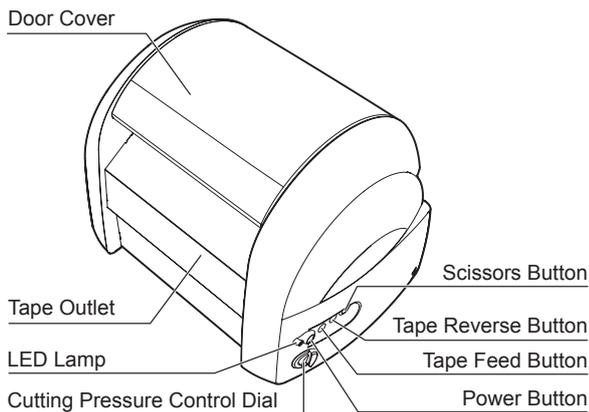


(9) Operation Manual
(this manual)

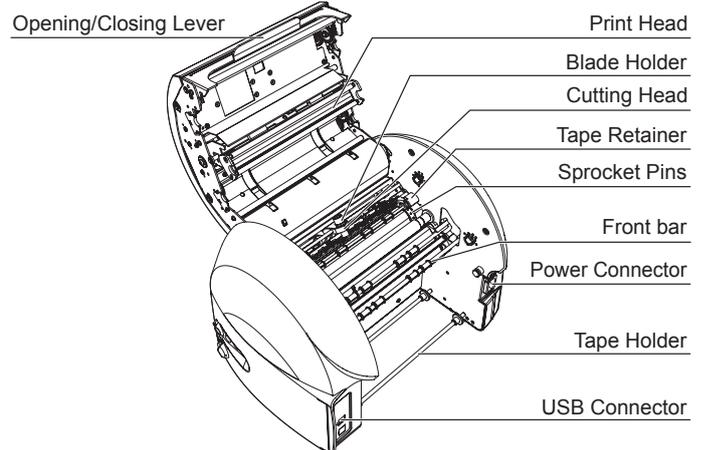


Component Names

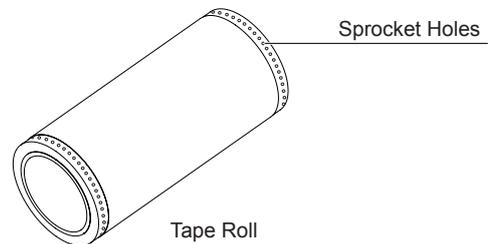
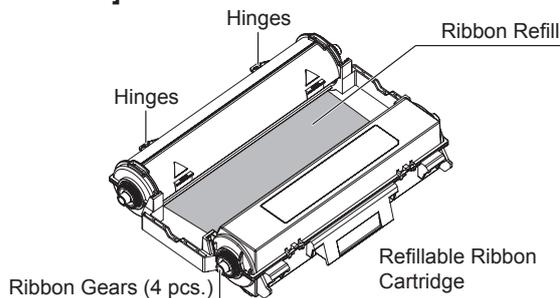
[Front of Main Body]



[Back of Main Body]



[Consumables]



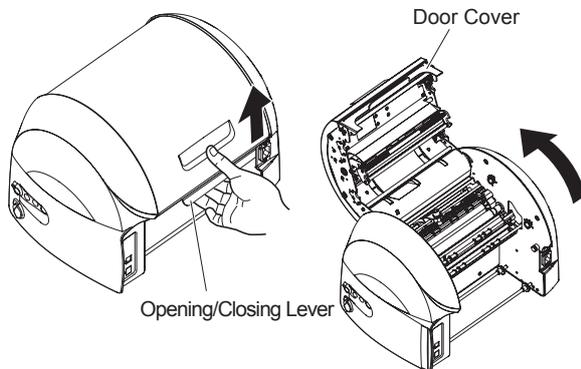
Main Key Functions

- Power button** : Used to turn on/off the power.
- LED lamp** : Illuminated in green when the power is turned on.
It is illuminated or blinks in red when informing you of an error.
(For details on errors, see the status monitor information displayed on the PC screen.)
- Tape feed button** : Tape is fed while the button is held down.
- Tape reverse button** : Tape is reverse-fed while the button is held down.
- Scissors button** : Used to fully cut the tape.

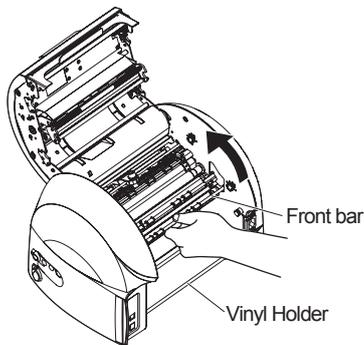
Machine Preparation

Loading the Tape

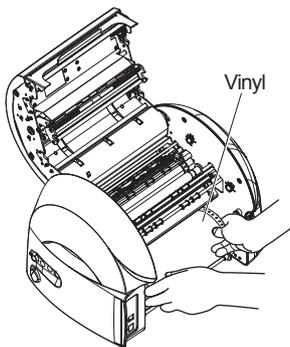
- 1** Pull up the opening/closing lever to open the door cover.



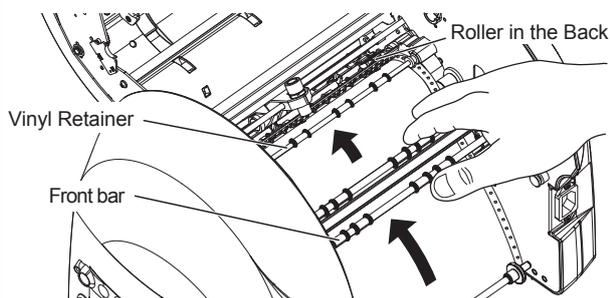
- 2** Pull up the front lever.



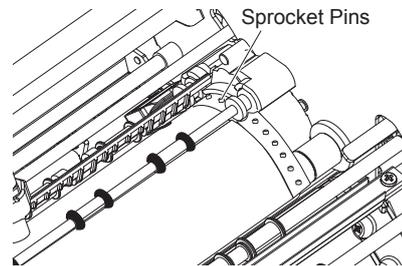
- 3** Place the tape on the tape holder.



- 4** Pull the tape forward and feed it under the bar at the front. Then, feed the tape further into the rollers in the back.



- 5** Align the holes in the tape with the right and left sprocket pins.

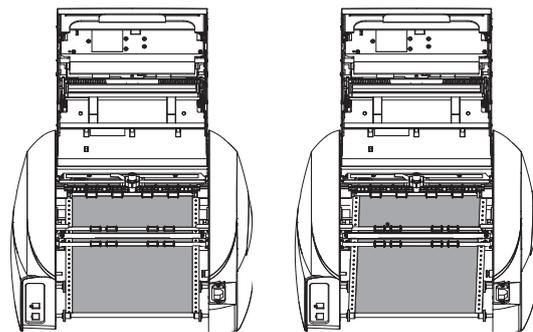


Ensure that the sprocket pins are inserted in the sprocket holes in the tape and that the tape is loaded straight on the roller.
If the sprocket pins are not inserted into the holes or the tape is not straight, the tape will not be fed properly.

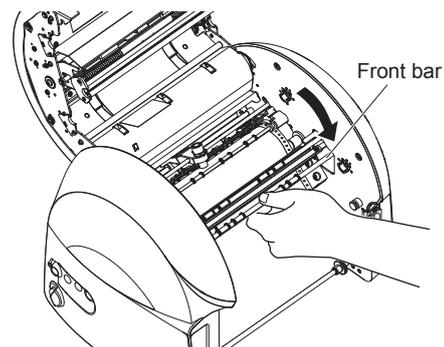
Load the tape straight.

Yes

No



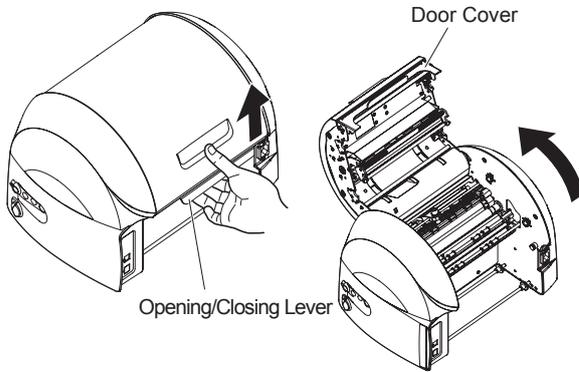
- 6** Lower the front lever to retain the tape.



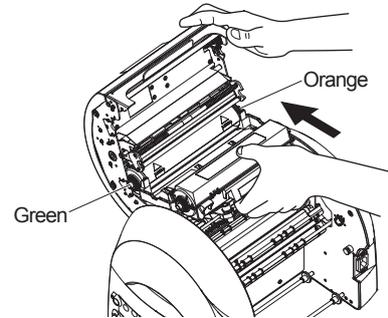
- 7** Close the door cover until it "clicks" to lock.

Inserting the Refillable Ribbon Cartridge

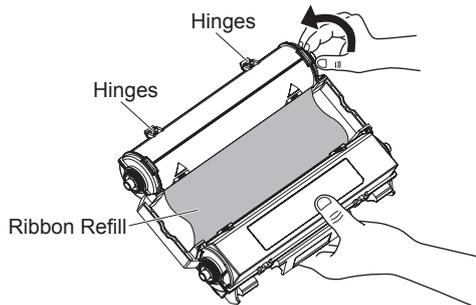
1 Pull up the opening/closing lever to open the door cover.



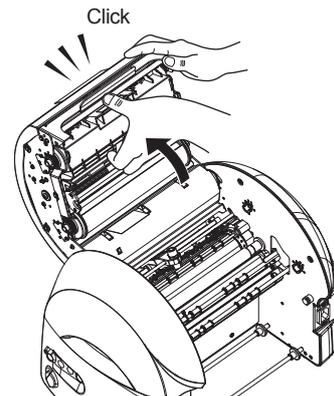
3 Fit the Hinges of the refillable ribbon cartridge into the slots in the back of the door cover. Ensure that the ribbon gear color matches the colour printed on the CPM-200.



2 Check for slack in the ribbon refill. If there is slack in the ribbon refill, hold the refillable ribbon cartridge as shown in the figure, turn the ribbon gear in the arrow-indicated direction, and take up the slack.

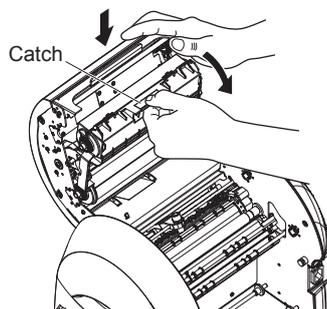


4 Turn the refillable ribbon cartridge upward, using the Hinges as leverage. Push it in firmly until the refillable ribbon cartridge locks with a "click" sound.

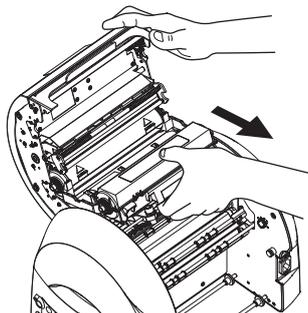


Removing the Refillable Ribbon Cartridge from the CPM-200

1 Open the door cover. Hold the refillable ribbon cartridge catch and pull it forward.



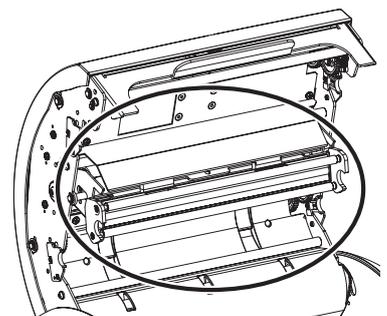
2 Turn the cartridge downward and then pull it out.



CAUTION

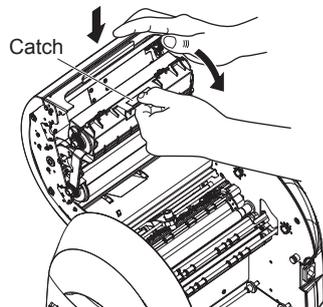


Do not touch the print head.
Getting burned or a malfunction may result.

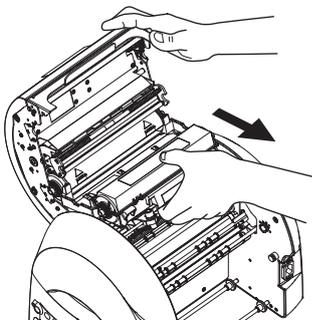


Replacing the Ribbon Refill

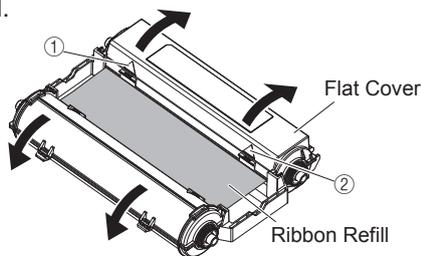
1 Open the door cover. Hold the refillable ribbon cartridge catch and pull it forward.



2 Turn the cartridge downward and then pull it out.

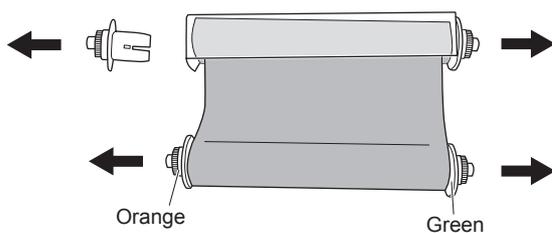


3 Open the cartridge cover and remove the old ribbon refill.



If the cover is difficult to open, pull up the location indicated as ① and then ②.

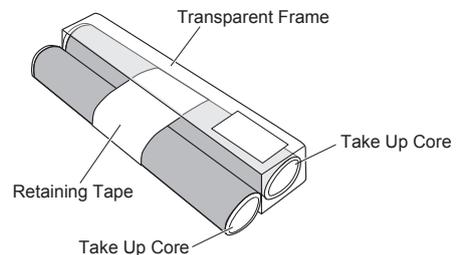
4 Remove the four gears (two orange, two green) from the ribbon refill take up core.



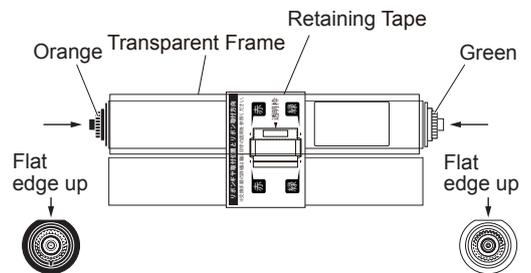
The shape of the orange gears are different from that of the green gears.



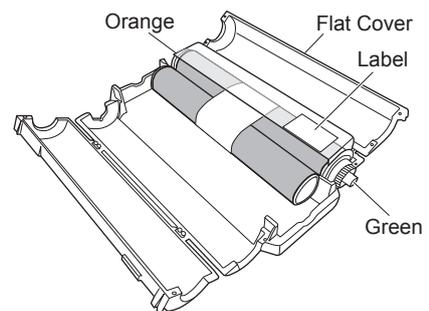
5 Prepare the new ribbon refill.



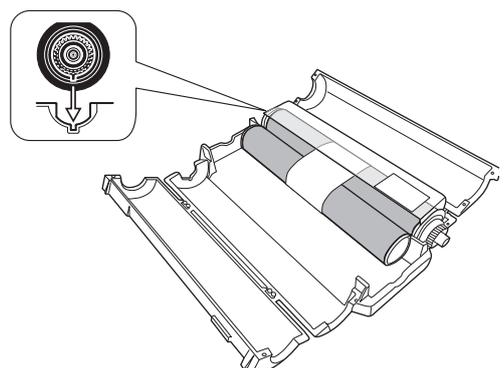
6 Insert two gears (one orange, one green) into the take up core on the transparent frame side. Ensure the flat edges are face up.



7 Place the transparent frame side of the ribbon refill into the cartridge on the flat cover side.

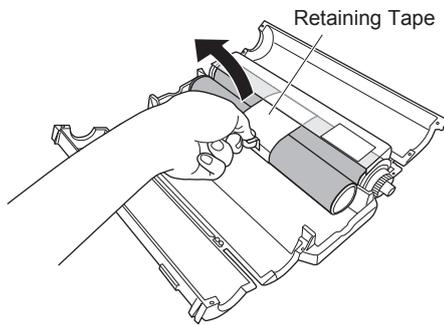


Firmly insert the protruding part of the orange gear into the recessed part of the cartridge.

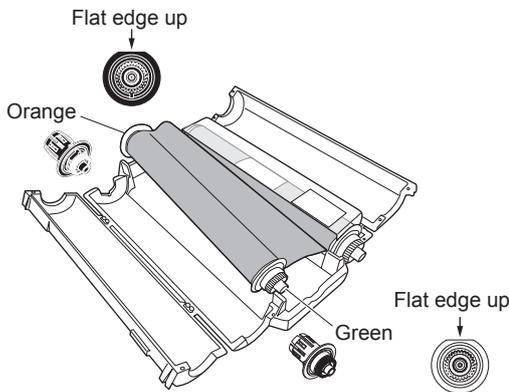


8

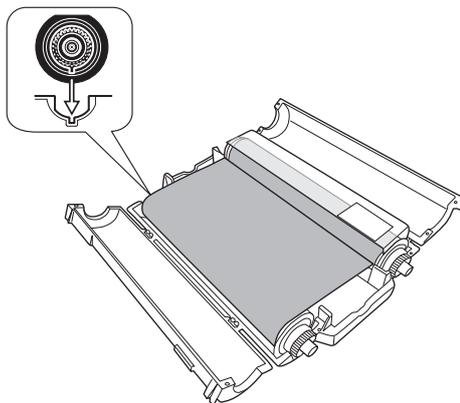
Remove the retaining tape.

**9**

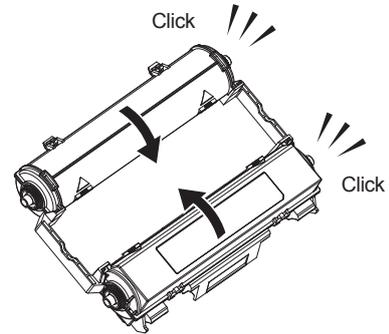
Insert the remaining gears (one orange, one green) into the other take up core. Ensure the flat edges are face up.



Place the ribbon refill in the cartridge. Firmly insert the protruding part of the orange gear into the recessed part of the cartridge.

**10**

Firmly close the cartridge cover until a "click" sound is heard.



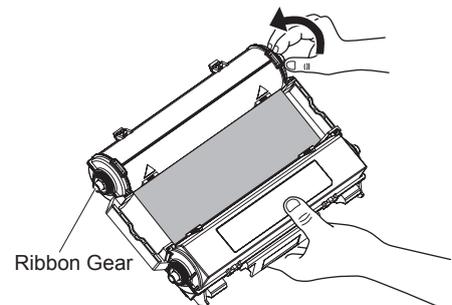
If the cover does not close

Check the following in steps **7** and **9**.

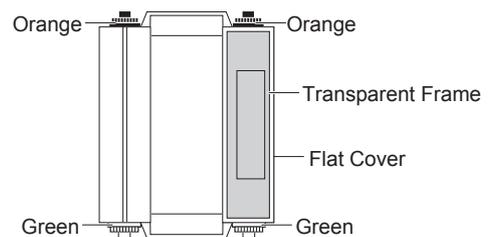
- Is the transparent frame inserted in the correct orientation?
- Is the protruding part of the orange gear firmly inserted into the recessed part of the cartridge?

11

Turn the ribbon gear in the direction of the arrow until the ribbon refill colour is fully exposed.

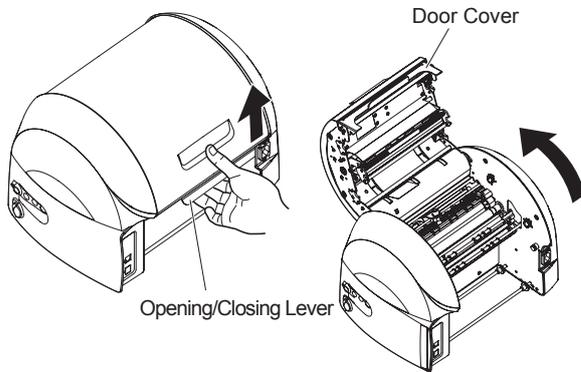
**12**

Check that the ribbon gear is inserted in the correct orientation.

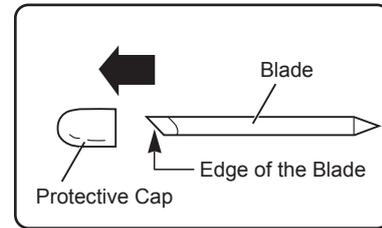


Installing (Replacing) the Cutting Tool (Blade)

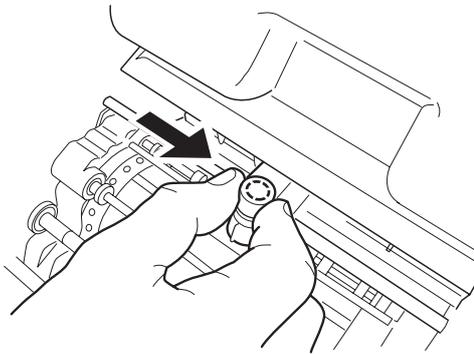
- 1** Check that the power is turned off, and pull up the opening/closing lever to open the door cover.



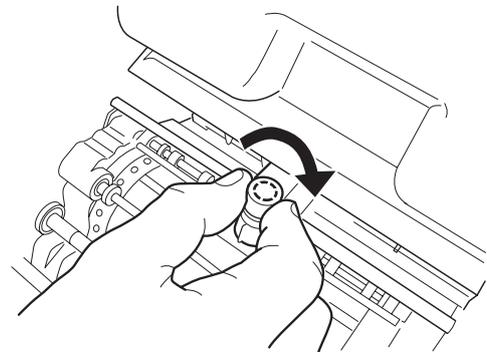
- 3** Prepare a new cutting tool (blade) and remove its protective cap.



- 2** Move the cutting head to the center manually. Loosen and remove the cap of the blade holder.



- 4** Insert/drop the blade into the blade holder and tighten the blade holder cap. **DO NOT** push the blade into the holder otherwise it will not cut correctly.



WARNING

 **Keep the cutting tool (blade) out of the reach of children.** If swallowed, seek immediate medical attention.

CAUTION

 **When attaching or removing the cutting tool (blade), be sure to turn off the power.** Otherwise, you could be injured by abrupt activation of the machine. **Do not touch the edge of the blade. You may be injured.**

Adjusting the Cutting Pressure

Cutting depth is adjusted by changing the blade pressure (cutting pressure).

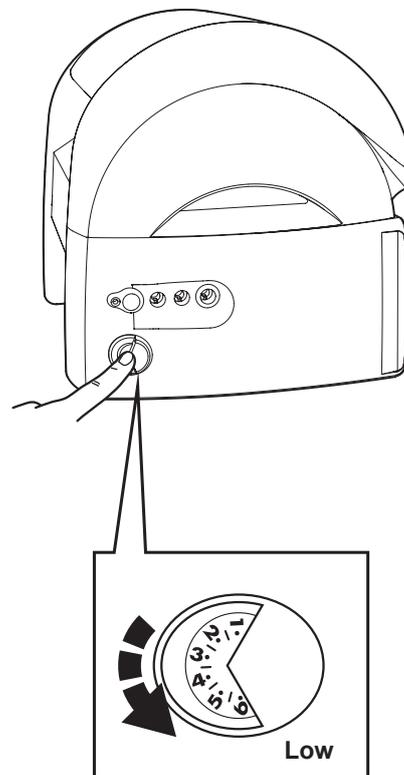
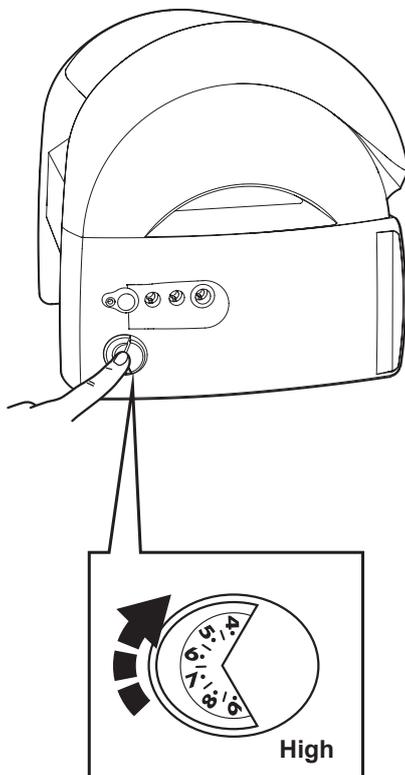
The blade may cut too much or fail to cut depending on the type of material, temperature, and so on.

Therefore, we recommend advance testing and adjustment of the cutting pressure.

An appropriate cutting pressure leaves a slight trace on the release liner.

- If the tape is not properly cut and cannot be peeled off, the cutting pressure is set too low. Increase the dial value, in steps of half a graduation, so that the tape will be cut properly.

- If the release paper has also been cut (as far as the back of the release paper), the cutting pressure is too high. Decrease the dial value, in steps of half a graduation until the release paper is no longer cut.



CAUTION



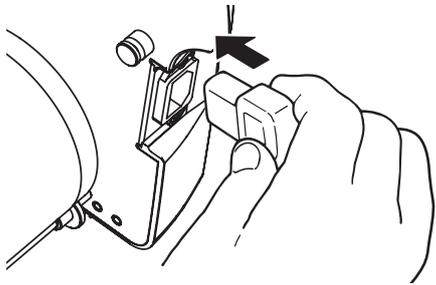
Adjust the cutting pressure before use.

Continuing to use the machine with excessive cutting pressure can reduce the service life of the cutting tool (blade).

It would also cut the release paper and could cause the machine to malfunction.

Connecting the Cable and Turning On the Power

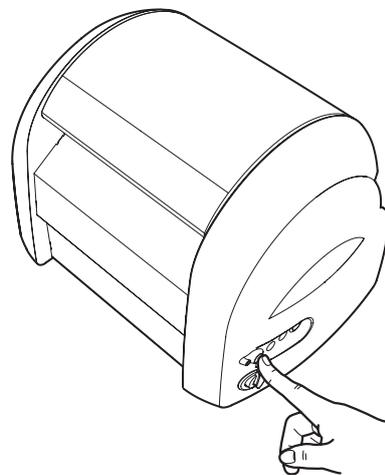
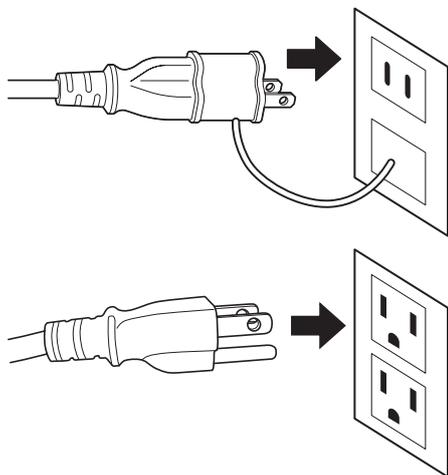
1 Connect the power cord to the power connector. (Load the tape, refillable ribbon cartridge, and blade in advance.)



3 Connect the CPM-200 to the PC with the connection cable.

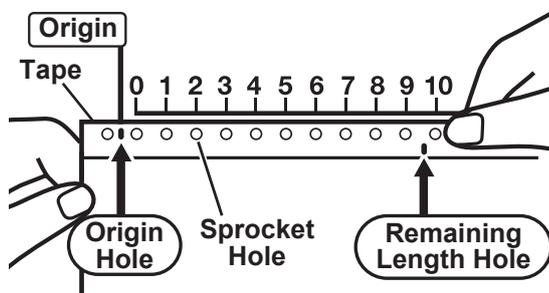
4 Press the power button to turn the power on. A green lamp will illuminate.

2 Insert the power plug into an electrical outlet.



Know the remaining tape length by checking the holes!

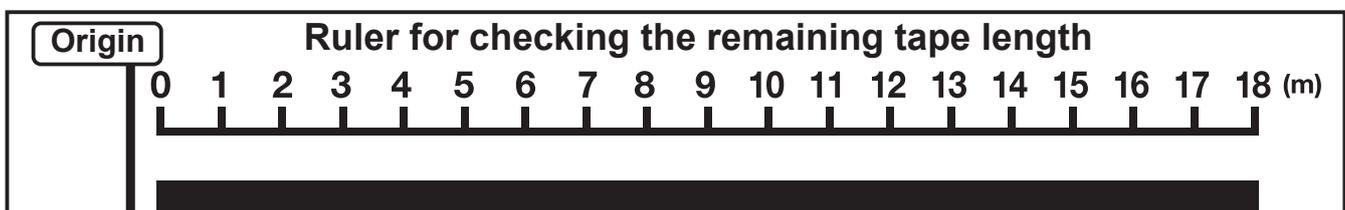
You can check the remaining length by comparing the length between the origin hole and the remaining length hole on the edge of the tape.



- ① Align the origin point on the ruler with the origin hole on the tape roll. (The ruler is printed on the individual box of the tape roll.)
- ② Check the position of the remaining length hole on the same ruler (in meters). In the example, as the remaining length hole is positioned between "9" and "10", the remaining length is more than 9 meters and less than 10 meters.

[Alternative method]

Check the remaining tape without the ruler by using the sprocket holes. Starting with "zero" at the closest sprocket hole to the right of the origin point, count the holes until you reach the remaining length hole. The number of sprocket wholes \times 1 meter is the approximate remaining tape length.



BepopPC EX Software Installation

Please read before installing.

1. Max Company Limited in Japan owns the copyright to this software.
2. It is prohibited to use or reproduce part or all of this software and manual without the prior consent of Max.
3. This software and manual are only allowed to be used under the end user licensing agreement for this product.
4. The information described in the software specifications and manual is subject to change without prior notice.
5. The names of organizations and individuals mentioned in the samples created with this manual are fictitious and have nothing to do with the existing organizations and individuals.

Microsoft and Windows are the registered trademarks of U.S. Microsoft Corporation in the U.S.A. and other countries.

Other company names and product names that may be mentioned herein are the registered trademarks of their respective company.

Computers Compatible with BepopPC EX

Please use a computer which satisfies the following specifications. The following suggested specifications do not constitute a guarantee.

Suggested Specifications	<ul style="list-style-type: none">• Operating System: Windows 10/8.1/8/7• RAM that is compatible with Microsoft operating systems.• More than 100MB of usable space on hard disc.• DOS/V computer.
---------------------------------	---

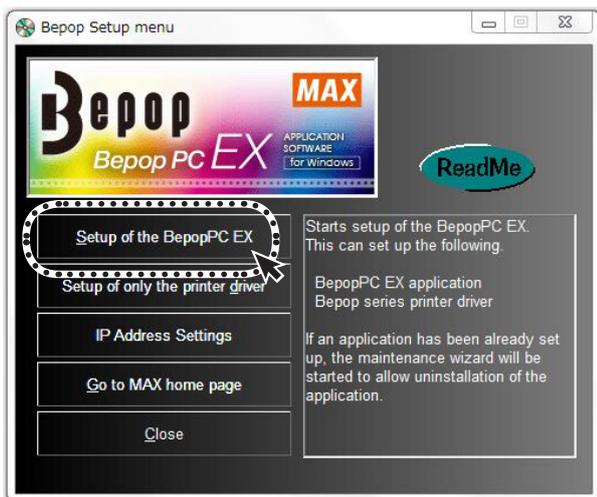
Precautions for Installation

Please observe the following warnings and restrictions related to the software or printer driver installation.

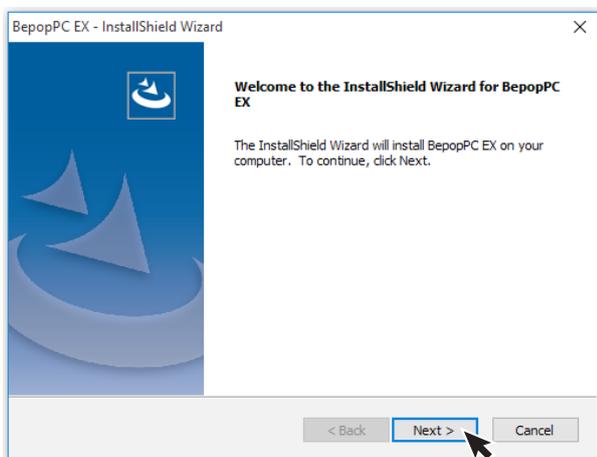
WARNINGS AND RESTRICTIONS
<ul style="list-style-type: none">• When installing the software, it is necessary to log-in to the computer under an “Administrators” account.• Restart after completing installation. In the case that multiple users are signed-in, carry out the installation after the other users have logged off.• In the case that you are installing to a LAN/WAN connection, please contact your system administrator.• <u>Always use the included CD to install/uninstall the software.</u>

BepopPC EX Printer Driver Installation

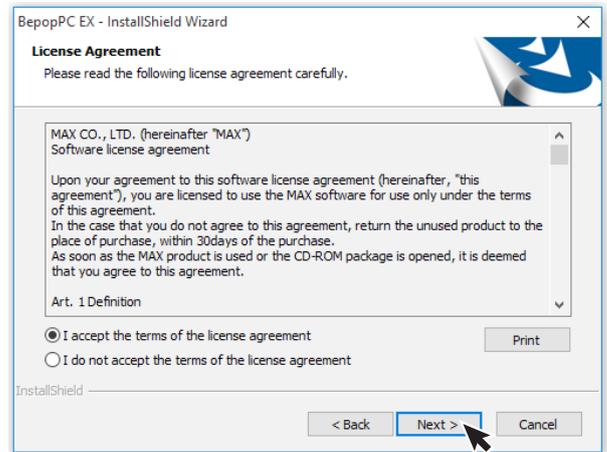
- 1 Close all active applications and software before beginning installation.
- 2 Place the attached CD-ROM into the driver. Click “continue” in the “User account settings” window.
 - * USB Installation
To install the printer driver please observe the following procedure, not observing the procedure may result in driver installation failure.
 - 1) Connect the printer to the computer USB port.
 - 2) Turn on the printer (check that the LED light above the power button is green).
 - 3) Begin the driver installation program.
- 3 The BepopPC EX setup menu will appear. Click on “Setup of the BepopPC EX”.



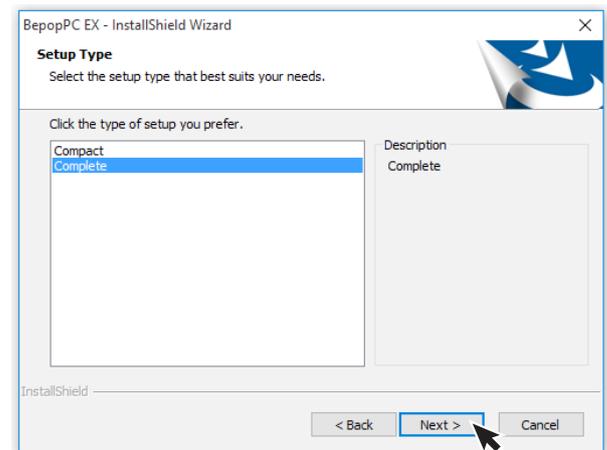
- 4 Click on “Next”.



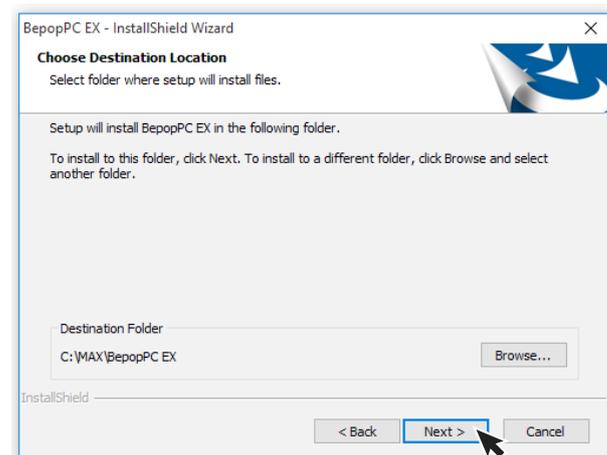
- 5 Read the License Agreement. After understanding and agreeing to the Terms and Conditions, please click “Next”.



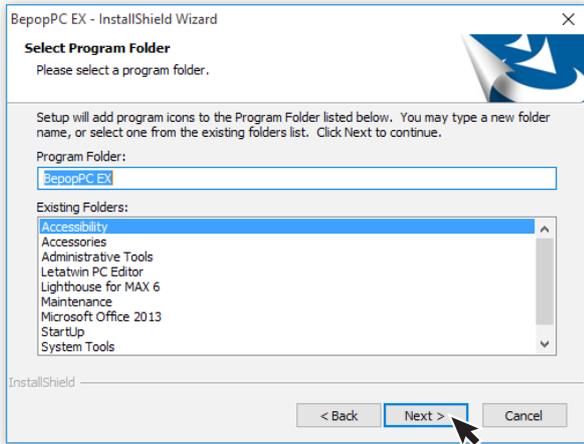
- 6 Select “Complete” and click next.
 - * “Complete” will install all files.
 - * “Compact” will install all files except original fonts.



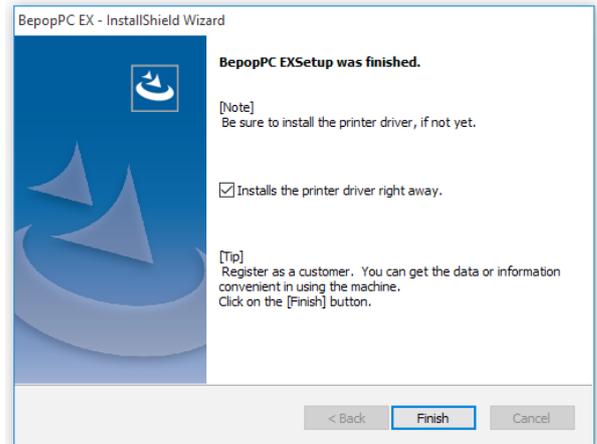
- 7 Click the “Next” icon.
(Choose the appropriate destination folder if necessary.)



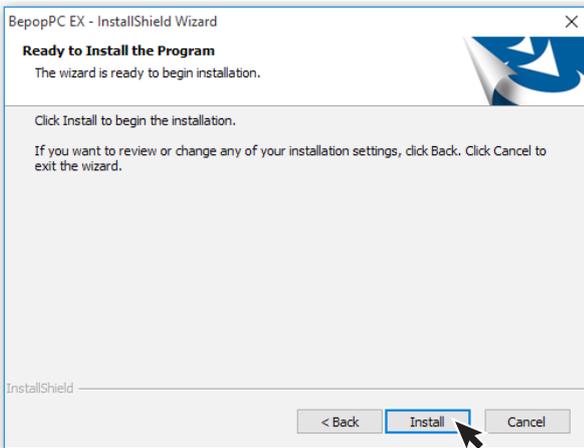
- 8 Check that the program folder is “BepopPC EX”, and then select “Next”.



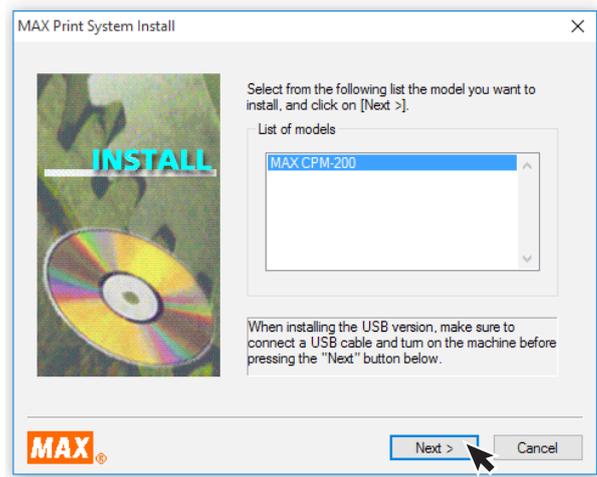
- 11 Check the box next to, “Installs the printer driver right away” and click “Finish”.



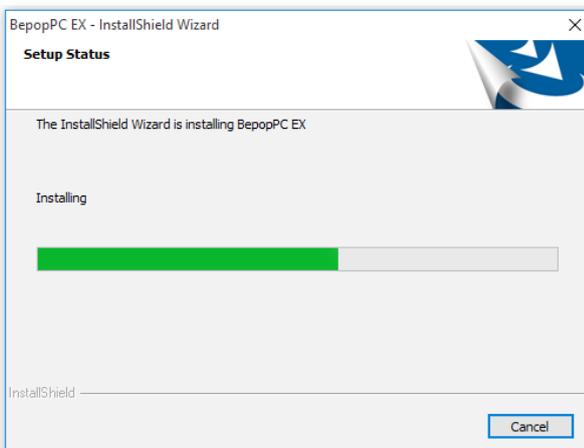
- 9 Click the “Install” button.



- 12 Select CPM-200 from the “List of models”, and click “Next”.



- 10 The installation process will begin.



- 13 Follow the appropriate procedure for “USB Cable Driver Installation” or “LAN Cable Driver Installation”.

[Messages displayed during installation procedure]

* The following messages will be displayed during the installation process. This product has passed our company's strict quality control standards, and despite the messages this software can be used without problems.

When the message is displayed, please click "Install", "Install this driver software anyway", or "Continue Anyway".

* The following messages have been shortened for explanation purposes.

* The content and order of the messages may change depending on the computer and operating environment.

■ Message displayed in Windows/10/8.1/8



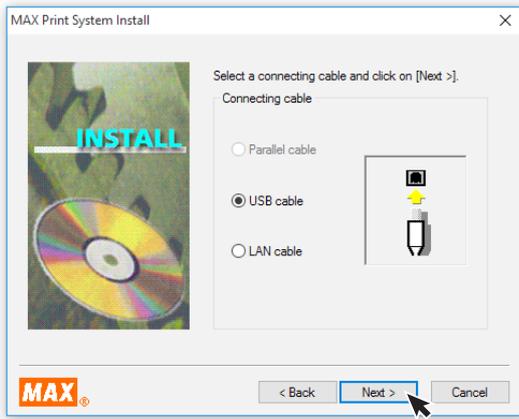
■ Message displayed in Windows 7



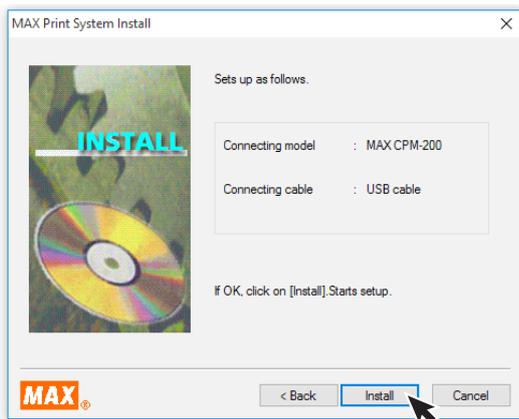
* Taking a long time to make a selection, or taking a long time connect the printer to the USB port and turning on the power may result in a failed installation. In this case please uninstall and re-install the software.

[USB Cable Driver Installation]

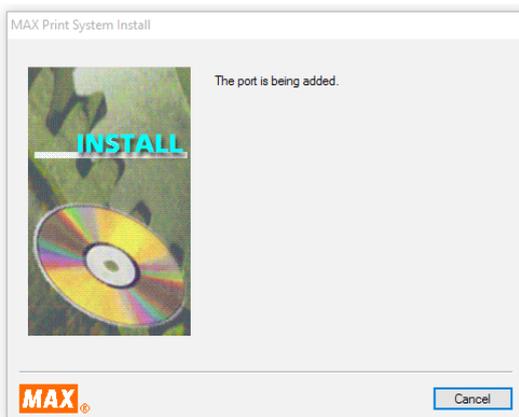
- 1 Select "USB Cable" and click on the "Next>" button.
* Printer must be used with a USB connection after this installation.



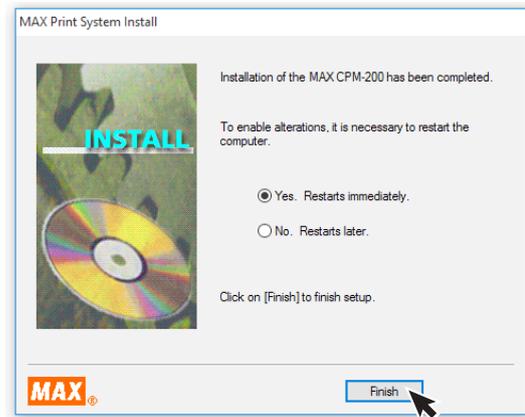
- 2 Click on "Install".



- 3 The "Port Monitor Install" or "Driver" install will start automatically.
* (No Reply) may be displayed on occasion. Please wait for install to proceed.



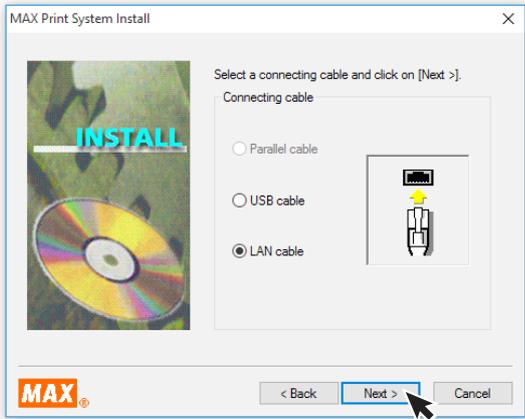
- 4 Select "Yes, restarts immediately" and click "Finish".
* If other programs were not closed before the installation, select "No" and restart the computer after closing other programs.



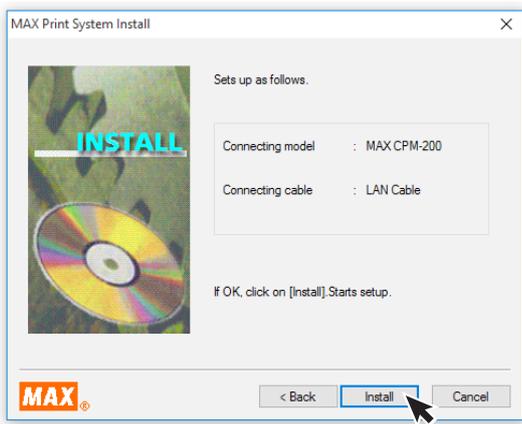
- 5 After restarting the computer, the program will be ready for use.
* BepopPC EX or the printer may not operate correctly without restarting the computer. Please restart the computer before operation.

[LAN Cable Driver Installation]

- 1 Select "LAN cable" and click "Next".



- 2 Click the "Install" button.



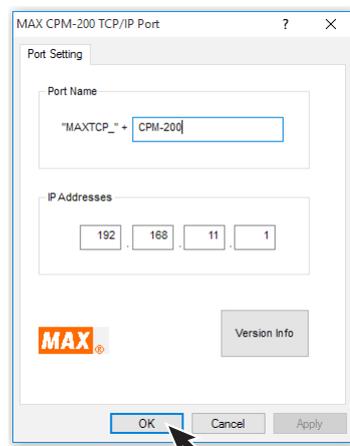
- 3 The "Port Monitor Install" or "Driver" install will start automatically.

* (No Reply) may be displayed on occasion. Please wait for install to proceed.



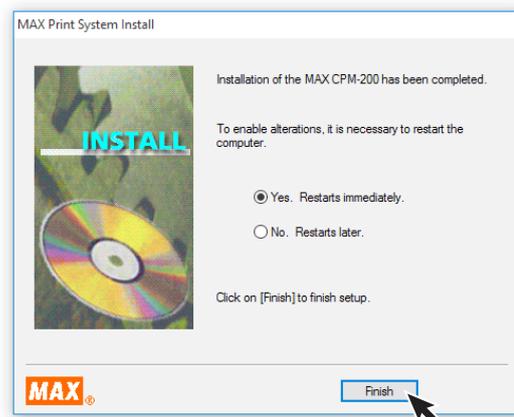
- 4 Set the Port Name and IP Address on the computer. After inputting the Port Name and IP Address on the computer, click "OK".

- * Ask your network administrator about the correct IP Address.
- * The IP Address should include the first 9 digits of the computer you are using(3 digits for first three boxes). The last three digits should be a number that will not conflict with other devices connected to the LAN network.
- * When using multiple CPM machines, the Port Name and IP Address must be unique to the machine.



- 5 Select "Yes, restarts immediately" and click "Finish".

- * If other programs were not closed before the installation, select "No" and restart the computer after closing other programs.



- 6 Restart the computer.

- * BepopPC EX or the printer may not operate correctly without restarting the computer. Please restart the computer before operation.

- 7 Next it is necessary to set the IP address on the printer. Follow the instructions for "CPM-200 IP Address Settings".

CPM-200 IP Address Settings

It is possible to connect the CPM-200 to a wireless Local Area Network(LAN).
IP Address Settings for the printer must be changed when using a LAN connection.

Cautions for connecting to a Local Area Network

Consult with your network administrator before performing a LAN installation on your computer.

■ Message for system administrator

It is possible to connect the CPM-200 to your LAN.
Please follow the instructions below.

- The default IP Address for this printer is detailed below.

Details	Default Setting
IP Address	192.168.11.1
Sub Network Mask	255.255.255.0
Default Gateway	192.168.0.1

* The following IP Addresses cannot be used:

- ① 0.0.0.0 (All 0)
- ② 255.255.255.255 (All 255)
- ③ 127.xxx.xxx.xxx (Loopback address types)
- ④ xxx.xxx.xxx.255 (Subnet Broadcasts)

- To change the settings on the Printer please refer to “**Setting the Printer IP Address**”.



- To install and use the driver, it is necessary to log in as an administrator.
- Restart computer after installing the driver.
In the event that multiple users are logged in, it will be necessary for them to log-off before starting the installation.

MEMO

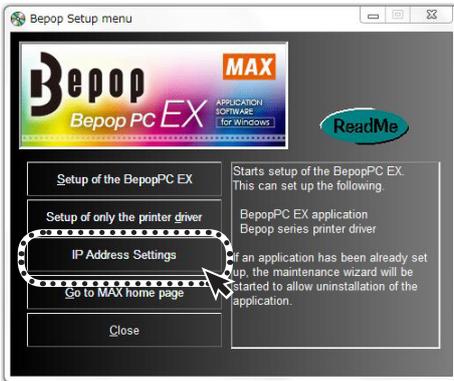
- DHCP retrieval and SNMP management are not supported.
- A single printer cannot be simultaneously installed as both a USB port printer and a LAN printer.

Setting the Printer IP Address

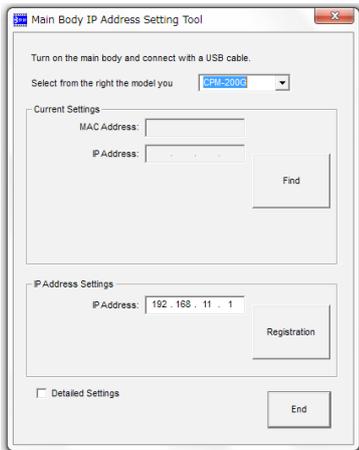
* To set the Printer IP Address the printer must be connected to the computer via a USB port.

1 Insert install CD-ROM into the computer.

2 The BepopPC EX menu will be displayed. Click on the "IP Address Settings" button.

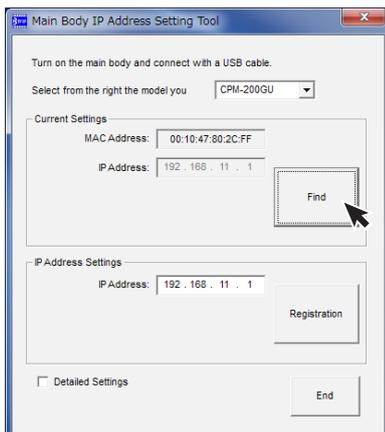


3 The printer IP Address settings tool will appear. Connect the printer to the USB port and turn on the power. Choose the printer type from the drop-down menu.

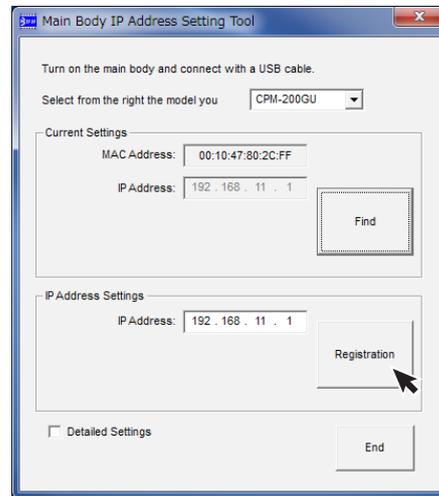


* By clicking on the "Retrieve" icon, the current MAC Address and IP Address for the connected printer will be displayed.

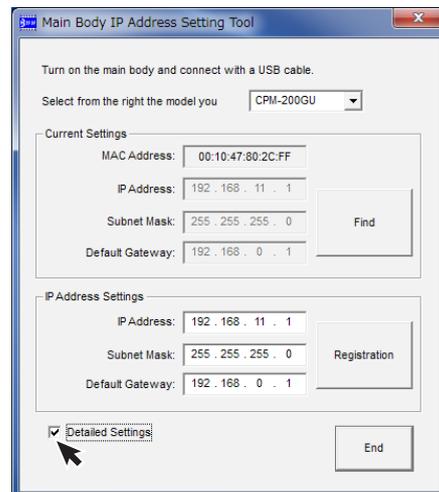
* The starting value will appear in the IP Address Settings window.



4 Enter the IP Address and click "Register". By clicking the "Finish" button the settings procedure is complete. Input the newly registered address when installing the printer driver.



* By selecting the "Details" icon, it is possible to change the Subnet Mask and Default Gateway.



Congratulations, the IP Address setting procedure is complete.

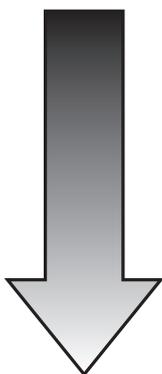
First let's give it a try!

Make a sign layout.

This will explain how to make a sign using CPM-200.
Let's try to make the multi-color sign below:



General Flow



- 1 Start your BepopPC EX software
- 2 Insert a color symbol
- 3 Input text data
- 4 Input a cutting line
- 5 Print (and cut!)



☆ When trying to make a sign to an exact measurement, reverse the order of steps
2 - 4 !

1 Start the BepopPC EX software

Please open the BepopPC EX Software

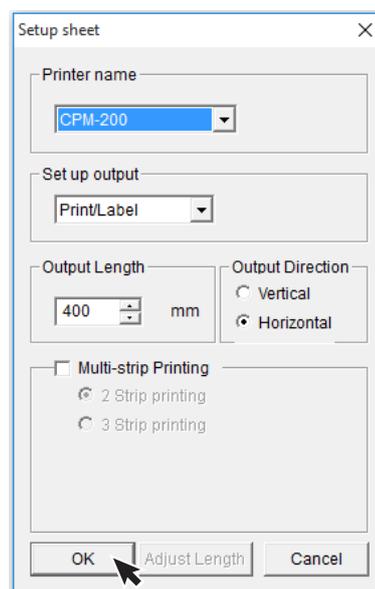
In the event that you are using multiple Bepop systems, the "Tape Settings" menu will appear.

Choose the following settings:

Printer name → CPM-200

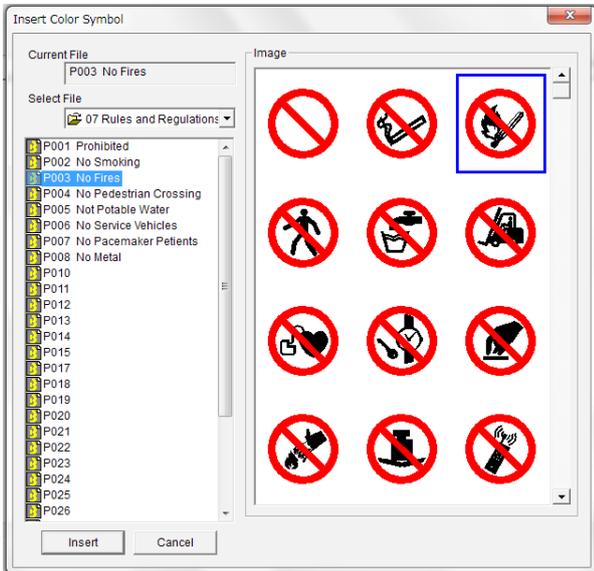
Set up output → Print/label

Click Okay



2 Insert Symbols

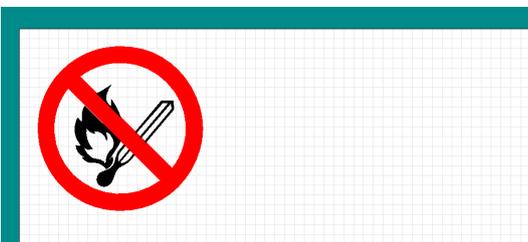
- 1 Click on the  mark to open the “Insert Color Symbol” dialog box.
- 2 Under the group 07 Rules and Regulations, select the “P003 No Fires” symbol.



- 3 Paste the symbol to the tape layout by clicking on “Insert”.

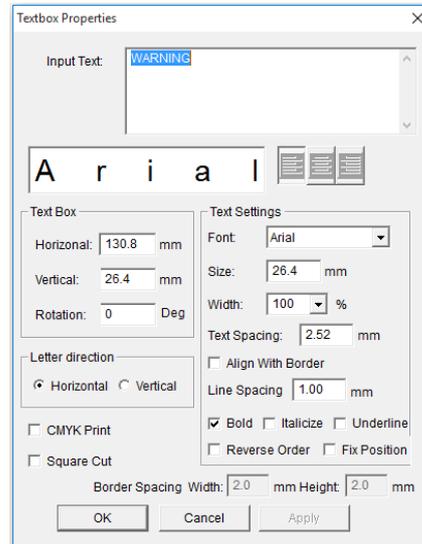


- 4 Click and drag the border boxes (■) to adjust the size.



3 Insert Letters

- 1 Click on the **A** icon to open a text box. Click and drag to create the text box border.
- 2 The text box properties box will open automatically.



- 3 Write “WARNING” in the text box, check the “Bold” box, and click OK.

- 4 Select Red from the color pallet.



- 5 Repeat steps 1 - 3 but instead write “No Open Flames” and select black letters.

- 6 Adjust the size and layout of your data.



4 Insert a Cut-line

- 1 In the cut-bar, choose the rounded rectangle shape.



- 2 Drag the cut-shape to fit your sign size.



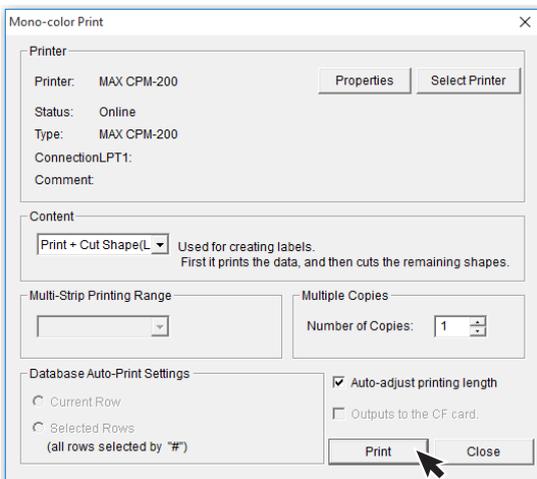
5 Print

- 1 Insert the ink ribbon and tape roll into the machine.

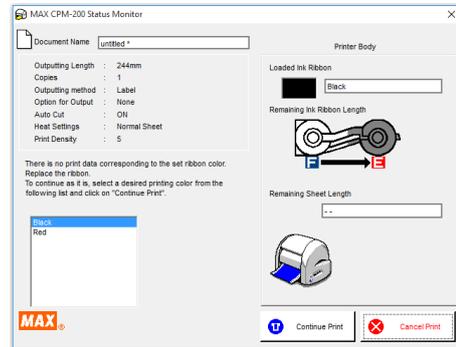
- 2 Click on the color print icon .

* To print in mono-color, click the mono-color print icon.

- 3 Click on the "Print" button.

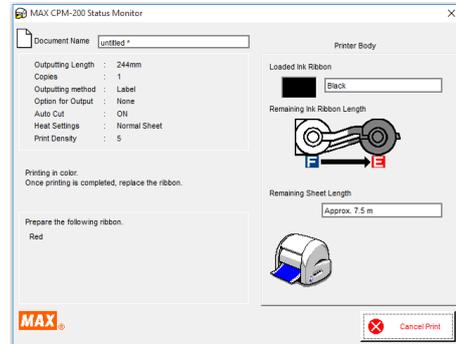


- 4 The CPM-200 status monitor automatically opens. Select the black ribbon, and click print.

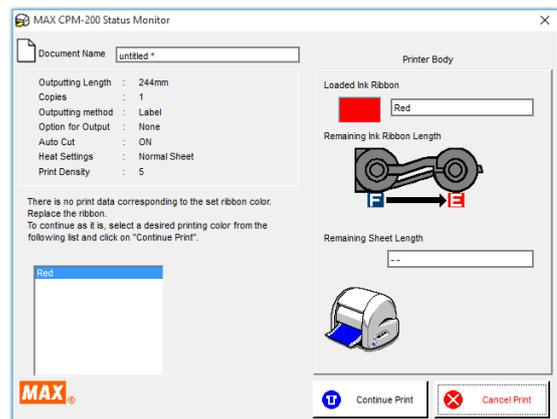


- 5 After the print stops, the machine will rewind the tape. Open the cover and exchange the Black Ribbon with a Red Ribbon. (Once the machine begins rewinding, it is possible to exchange the ribbon)

- 6 Close the cover, select "Red Ribbon", and click the print button. Next the machine will print in Red, cut the sign shape, and then finally cut the tape. Congratulations, your sign is complete!



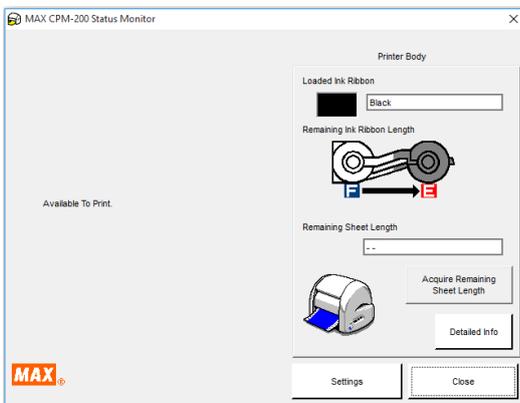
- * In the case that a color not used in the print data is loaded in the machine, the message below will be displayed. Change to a color that is used in the layout data, and select "Print" to start printing.



Check the remaining sheet length.

It is possible to check the remaining sheet length in your CPM-200 by using the status Monitor. It is convenient to use it to check the remaining sheet length before printing.

- 1 In the Notification Area of your computer (click upward chevron, bottom-right end) there will be a status Monitor icon  .
- 2 Click on the “Test remaining length” button.
- 3 The remaining tape length will appear.



MEMO

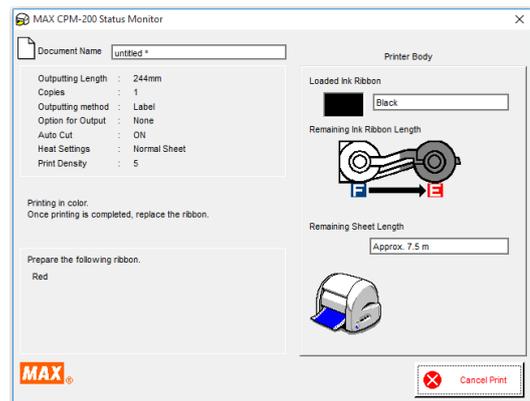
- Depending on the amount of remaining tape, the status Monitor length and actual length may be off by 6~12 inches. Also tape that has been removed from the roll will not be measured correctly.

MEMO

About the Status Monitor

During the printing process, it is possible to check the current condition of your printer and consumables. The Status Monitor displays the printing progress, remaining ink ribbon status, and ink color.

- * The remaining ink ribbon length is approximate information only and it may be different from the actual length.



In the event of a printing error, the error code will be displayed. Open the “Troubleshooting” tab and follow the instructions.

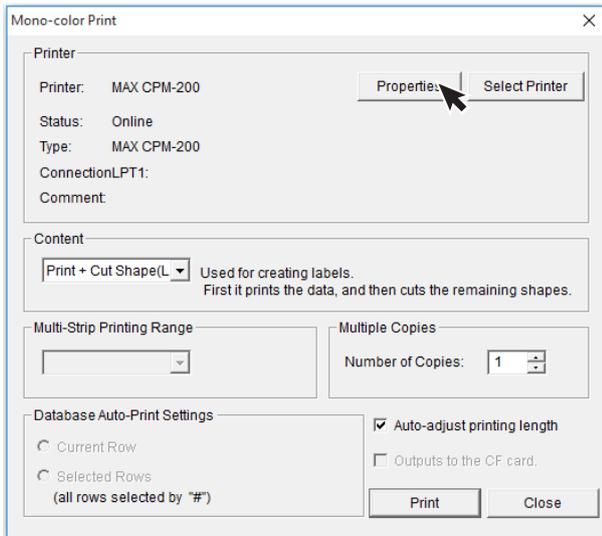


Adjusting the print temperature

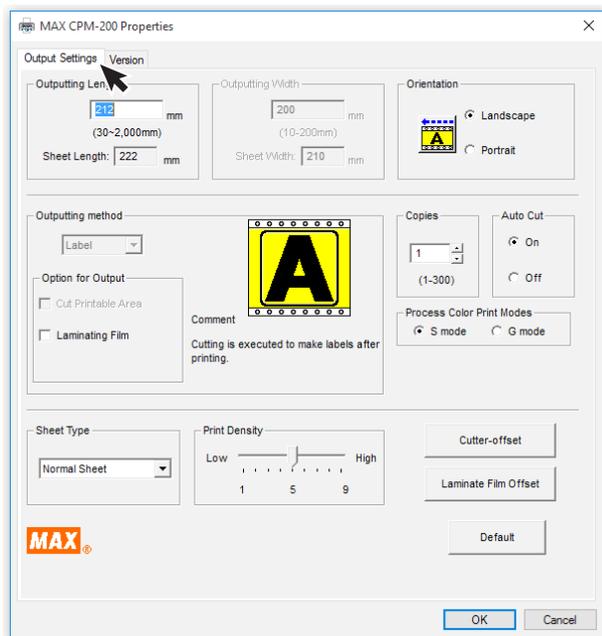
It is possible to change the printing temperature. In the event that the printed areas become speckled, wrinkled, or small letters are having trouble printing, change the printing temperature in the print properties.

1 In the BepopPC EX menu bar, select File → Print.

2 Click on the “Properties” button.



3 Open the Properties menu will automatically open to the “Output Settings” tab.



4 Adjust the Print Temperature bar 1 increment at a time, and click the okay button.

When printing in a hot environment, it is necessary to “lower” the printing temperature. When the environment is too hot, the printed sign may have wrinkles and look like:



When printing in a low temperature environment, it is necessary to “raise” the printing temperature. When the environment is too cold, the printed sign may have speckles and look like:



5 While printing, adjust the machine to find the best temperature settings.

Please

☆ When printing in a cold environment the transfer capabilities of the ink around the letter edges is reduced, and the printing quality may be reduced. It is recommended that the machine is operated at room temperature, and more than 15°C (60°F).

Making a cutting layout, and cutting a sign

The CPM-200 can also freely cut signs.

This section will cover the operations and procedure using BepopPC EX software.

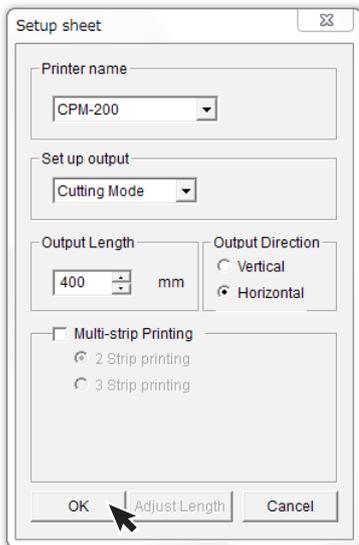
- 1 Plug in your CPM-200 and open the BepopPC EX software.



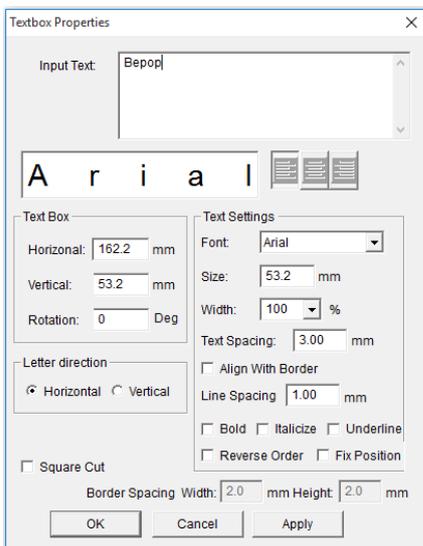
View page 13 “Connecting the Cable and Turning On the Power”

- 2 Input letters.

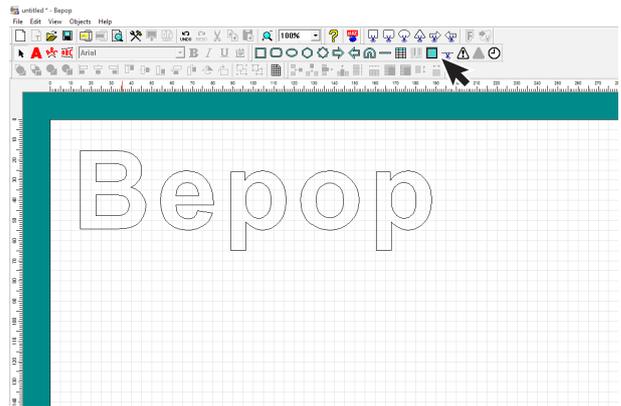
- 1 File → Tape Settings. Open the Tape Settings menu, under “set up output” select “cutting mode” and click “OK”.



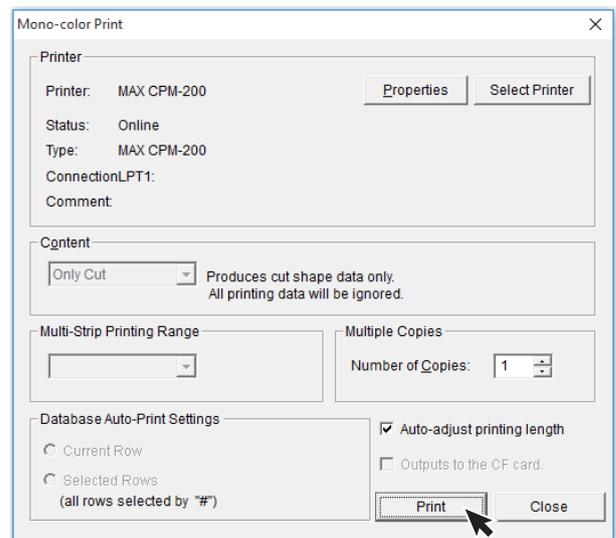
- 2 Create a text box by selecting **A**, then clicking and dragging a frame. When the Text Box Properties menu opens, input text.



- 3 Select the  icon to draw a cut-shape around the letters, this will improve the weeding process.



- 4 Select the  icon, click “Print”. The machine will start cutting the letters.



- 3 Apply Cut Lettering.



View page 28 “How to apply cut lettering”

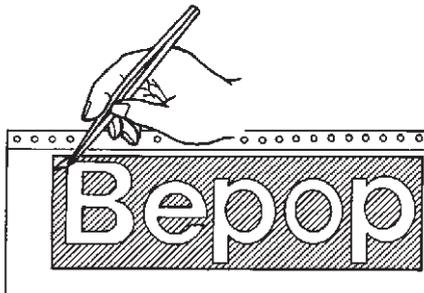
How to apply cut letter designs

Preparation (weeding)

When your CPM-200 has finished cutting letters, use the following instructions to prepare your letters for transfer.

- 1 Remove the unneeded parts of the tape after the CPM-200 has finished cutting, and the sheet has dropped out of the machine.

Weed the parts with the slanted lines in the picture below.

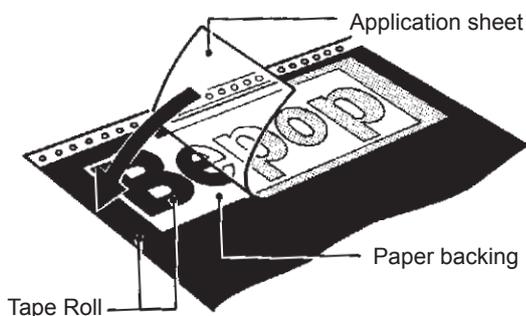


* Use the tweezers included with the printer to remove the unneeded pieces.

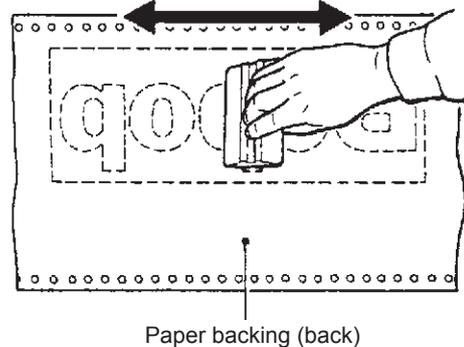
Design Transfer

In order to transfer your design, use the Application Sheet (SL-L100AP).

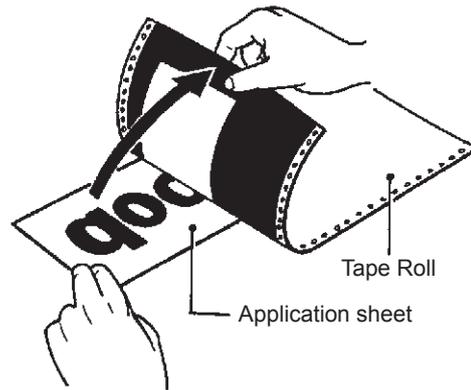
- 1 Cut the application sheet to the appropriate size (slightly larger than your design). Remove the application sheet from its backing and apply over your design. Be careful not to make wrinkles when applying the application sheet, as it may distort your design.



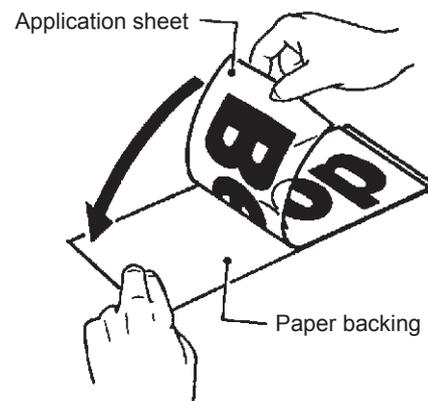
- 2 Press the application sheet firmly against the surface of the design. If the design is difficult to transfer, press the back of the sheet as well.



- 3 With the application sheet face down, pull away the release liner. The design will transfer to the application sheet.



- 4 Return the completed design to the paper backing of the application sheet, and prepare to apply it to the application surface (see page 34).



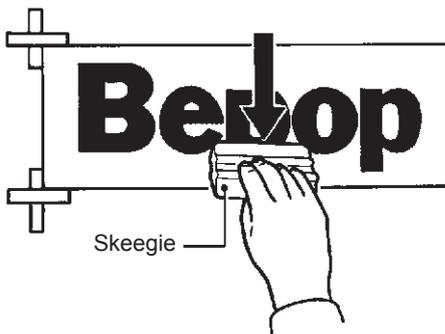
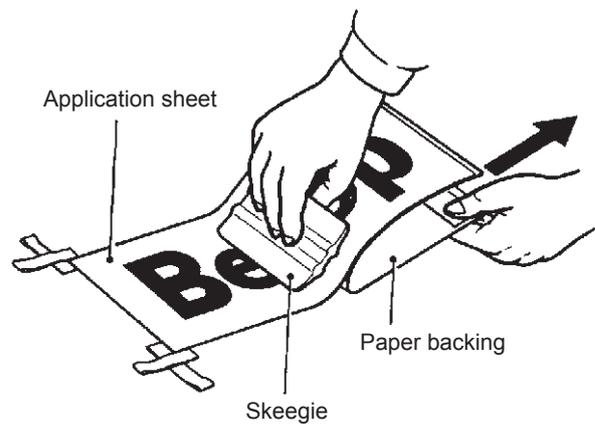
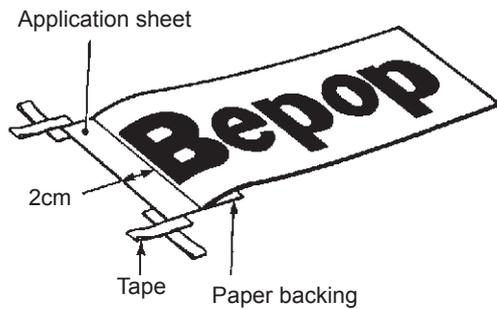
- ☆ For small letters, remove tape inside the letters before removing the outside.
- ☆ The paper backing for the application sheet is used during the application process, DO NOT THROW IT AWAY.

Applying cut-letters to a surface

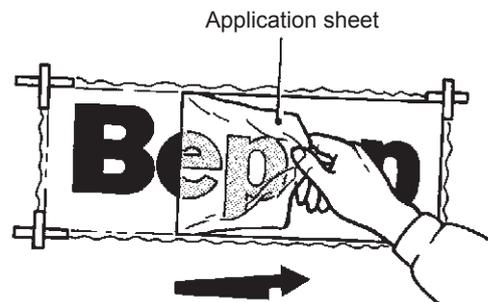
Please be careful of the following three things: alignment, air bubbles, and material stretching (stretched materials do not regain shape). Depending on the size of the letters, dry application or wet application should be used appropriately. (Big letters use wet application)

Dry Application Method(Less than 50cm/6 in)

- 1 While the design is attached to the paper backing, align it with the application surface and apply tape to mark the surface alignment.
- 2 Fold back about 2cm (1/2 in) of the tip of the paper backing.
- 3 Secure the removed application sheet with tape.
- 4 Slowly remove the paper backing while applying pressure to the design.
- 5 Use a skeegie to apply pressure, moving up and down and from right to left.



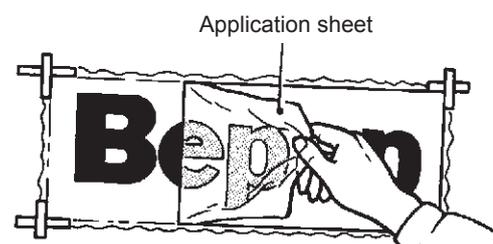
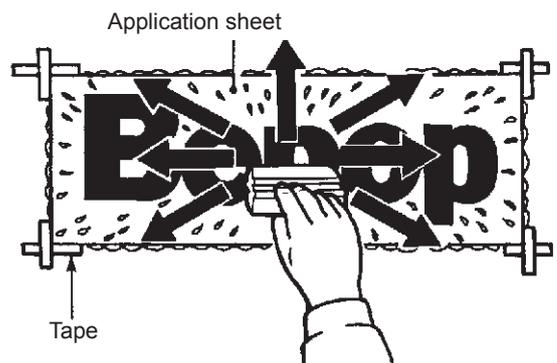
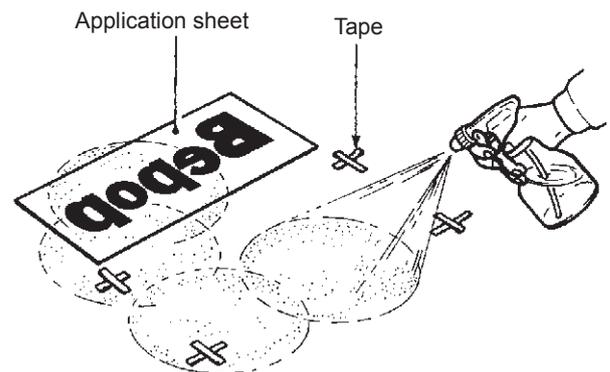
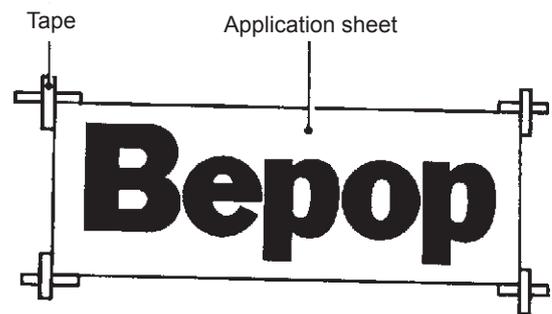
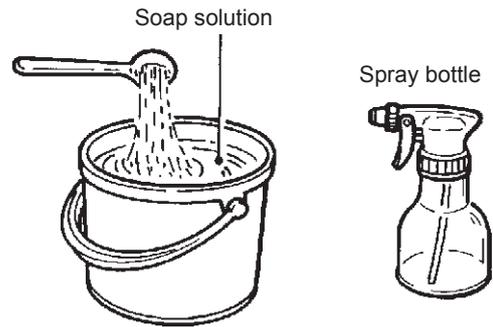
- 6 Pull the application sheet away from about a 180 degree angle.



☆ In the event that the applied design has air bubbles, use a pin to pop the bubbles and apply pressure to the sheet.

Wet Application Method(More than 50cm/6in)

- 1 Mix 1-2 tablespoons of a mild household soap into 4 liters of water.
- 2 Fill a spray bottle with the soap solution.
- 3 With the paper backing still applied, align the design and mark the alignment with tape.
- 4 Heavily spray the application surface and design(after removing backing) with the soap solution.
- 5 Check the alignment of the application sheet with the tape markings.
- 6 Using a squeegee, apply pressure from the inside out. Press firmly to remove the soap solution and air bubbles.
- 7 Pull the application sheet away from about a 180 degree angle.



Uninstall method

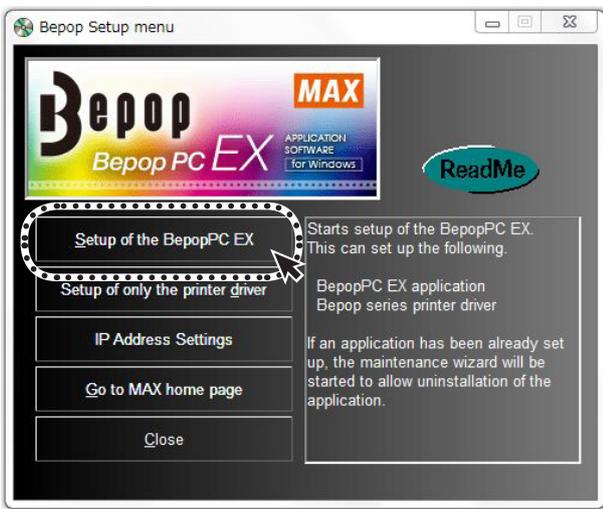
How to uninstall “BepopPC EX”

To uninstall the BepopPC EX, please complete the following procedure.

1 Close any open programs and virus scan software.

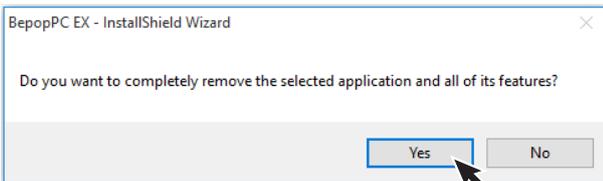
2 Insert the included CD-ROM into the CD drive.
Click continue on the user account window.

3 The BepopPC EX setup menu will automatically open. Click on the “Setup of the BepopPC EX” button.

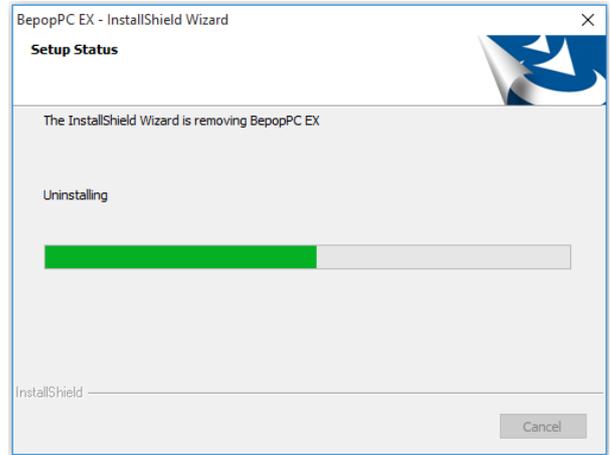


4 Click “Yes”.

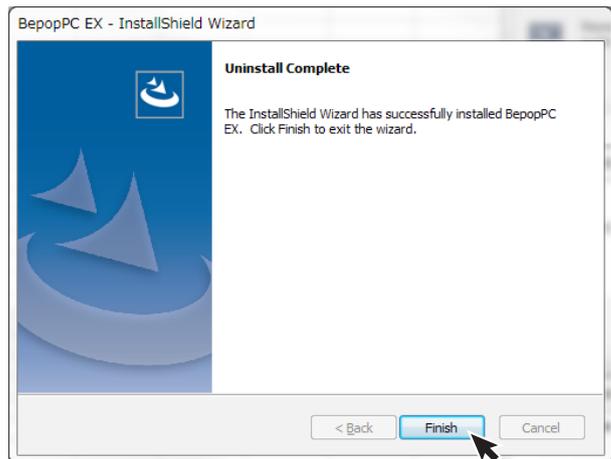
(Computers using Windows 7/Vista will display the following message.)



5 The uninstall process will begin.



6 When finished click on the “Finish” button.



* Max custom fonts will also be deleted when software is uninstalled.

Printer Uninstall

Please follow the procedure below when uninstalling the printer driver.

[Precautions]

- Printing even one time after opening the computer can cause the uninstall to fail. Please restart your computer before ininstalling the printer driver.
- Uninstalling using a different procedure may leave some system information on your computer. This could cause the next install attempt to fail.

1 Insert the attached CD-ROM into the computer.

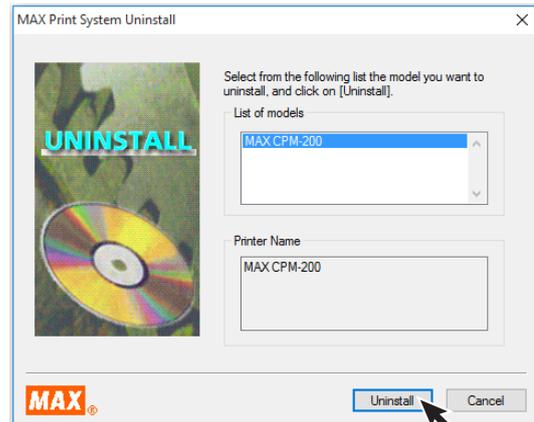
2 The BepopPC EX Set-Up menu will appear. Click on the "Setup of only the printer driver".



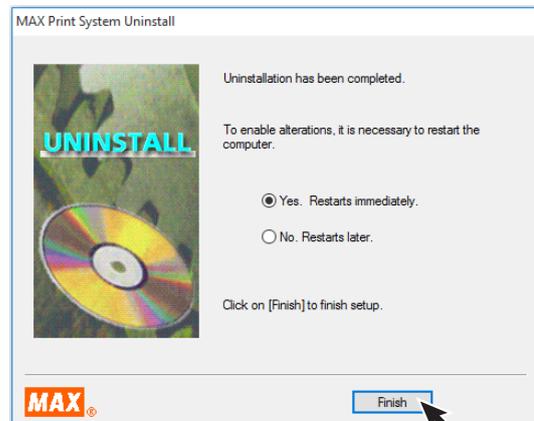
3 Click on "Uninstallation of the Driver".



4 Select CPM-200 and click "Uninstall".



5 Select "Yes, restarts immediately", and click "Finish".



6 Restart the computer. The uninstall is complete.

* Be sure to restart the computer after the uninstall is complete.

How to use Bepop Membership

You can enjoy the following free services on the member site home page

<http://www.max-ltd.co.jp/int/bepopregi/>

- Software upgrades
- Symbol downloads
- Application introductions
- And much more!

* These services are free after you register your machine.

* Access the registration form by visiting the home page and clicking on user registration.

* The content of the membership site is subject to change without notice.

Trouble Shooting

Error message list for errors displayed on the status monitor during printing.

	Error Code	Error Message	Printer LED Status	Solution	Reference
Errors related to sensors	200	The door cover is open.	Red	Close the door cover of the main body.	Pg. 6
	201	There is no tape.	Red	Set new tape roll in the main body.	Pg. 7
	202	A tape feed error is going on.	Red	Please insert a Max Brand tape that is ends with a N.	Pg. 7
	203	The remaining tape length is not enough to detect the remaining length.	Red	Insert a tape role with enough length to print the data.	Pg. 7
	311	The color of the loaded ink ribbon does not tally with the output color. Load[Rplc].	Green	Please set the color ribbon that is specified by the Status Monitor.	Pg. 8
	314	Unable to get the necessary ink ribbon information. Check whether the ink ribbon is loaded properly or the dedicated ink ribbon is loaded.	Red	Open the door cover, and check that the ink ribbon is properly inserted.	Pg. 8
	315	No remaining ribbon. Replace it with another ink ribbon with the sufficient remaining length.	Red	Insert an ink ribbon with enough remaining length.	Pg. 8
	310	The ink ribbon is running out. (2 m or less) The ribbon may run out while printing. To continue, select a desired printing color from the following list and click""Continue Print"".	Green	Please prepare a ribbon with enough length to print.	Pg. 8
	301	The ribbon has not been loaded or a non-special ribbon has been loaded. Check the ribbon. For the special ribbon, ""SL-RXXXT"" is indicated on the ribbon cassette. If ""T"" is not indicated, click on ""Continue Print"" to print.	Green	Correctly insert the specialized ink ribbon.	Pg. 8
	303	There is no print data corresponding to the set ribbon color. Replace the ribbon. To continue as it is, select a desired printing color from the following list and click on ""Continue Print"".	Green	Please use the ink ribbon that is used in your layout.	Pg. 8
	304	There is no print data corresponding to the set ribbon color. Replace the ribbon. The remaining ribbon length is running out. (2 m or shorter). The ribbon may run out while printing.	Green	Use a ribbon that is used in your layout, and has enough remaining length to print.	Pg. 8
	316	Unable to get the necessary ink ribbon information, which may result in unsuccessful print. To continue, click ""Continue print"".	Green	Insert the specialized ink ribbon correctly continue with printing.	Pg. 8
	317	The characteristics of the loaded ink ribbon is not compatible with the output color, which may result in unsuccessful output of the desired color. To continue, click ""Continue Print"".	Green	Process color ribbons are being used in a pure color layout, or regular ribbons are being used for a process color layout. Please insert ribbons that appropriate for the chosen layout.	Pg. 8
	318	The characteristics of the loaded ink ribbon is not compatible with the output color, which may result in unsuccessful output of the desired color. Besides, the ink ribbon is running out. (2 m or less) The ribbon may run out while printing.	Green	Insert a ribbon that has enough length and is appropriate for the layout settings.	Pg. 8
Errors that occur during printing	400	The door cover is open.	Red	Close the door cover of the main body. \nIf the data was being printed, click on the "Cancel Print" button and redo printing.	Pg. 6
	401	There is no tape.	Red	Set new tape in the main body. \nIf the data was being printed, click on the ""Cancel Print"" button and redo printing.	Pg. 7
	402	There is no ribbon.	Red	Set new ribbon in the main body. \nIf the data was being printed, click on the ""Cancel Print"" button and redo printing.	Pg. 8
	403	Cannot detect the leading end of the tape.	Red	View help by pressing the [Remedy] button, take a correct measurement of the tape. \nIf the data was being printed, click on the ""Cancel Print"" button and redo printing.	Pg. 7
	404	A tape feed error is going on.	Red	After canceling the print using the status monitor, restart the printer, insert Max Brand tape rolls. The correct sheet should have a N on the end of the product name.	Pg. 7
	405	The remaining tape length is not enough for printing.	Red	After canceling the print using the status monitor, restart the printer, insert a tape roll with enough length to finish the layout, and please reprint.	Pg.7

	Error Code	Error Message	Printer LED Status	Solution	Reference
Errors related to environment	500	The printer is now in operation.	Green	Please print after the printer is finished.	—
	501	The temperature of the printer head is higher than the specified value.	Red	After canceling the print using the status monitor, decrease the temperature of the thermal head, restart the machine, and please try to reprint.	—
	502	The temperature of the printer head is lower than the specified value.	Red	After canceling the print using the status monitor, increase the temperature of the thermal head (after the indoor temperature has warmed up), restart the machine, and please reprint the layout.	—
	503	The main body has received faulty data from the PC.	Red	After cancelling the print using the status monitor, check that the printer model type is correct, restart the printer, and reprint the layout.	—
	504	The data volume received from the PC by the main body has exceeded the maximum capacity.	Red	Check the layout and decrease the number of objects.	—
	505	There is no valid print data within the printable area.	Green	Make object that fit inside the printable area, or set the process color to something besides white.	Pg. 22
	510	CommandSizeError	Green	Check the layout and decrease the number of objects.	—
Repairs Required	600	The printer head is faulty.	Red + Green	After canceling the print on the status monitor, restart the printer. If the problem does not go away, machine repairs are necessary. Please consult your dealer or a service station representative.	Pg. 6
	601	Failed to detect the cutter origin.			
	602	Failed to operate the scissors successfully.			
	603	Failed to operate the head unit successfully.			
Communication	900	A communication error is going on.	None	Check that the USB/LAN/power cords are securely attached. Also check the IP address, and that time out settings have not changed.	Pg. 13 Pg. 20 Pg. 21
	901	A communication error is going on.			
	902	A communication error is going on.			
	903	A communication error is going on.		Re-install the printer driver, and restart your PC.	Pg. 15

Other errors/trouble shooting

	Problem	Necessary Check	Solution
BepopPC EX Problems	Cannot save a new draft	Files made by computer administrators can only be resaved by administrators. If you are not an administrator, you can only resave files that you have made.	Log in as an administrator, or save the file with a different name.
	The printer can only print on occasion	Go to printer properties → details → Spool print documents	
	Cannot print in color	Are two people trying to color print at the same time? (Is the ribbon exchange message being displayed on someone else's computer?)	When printing in color, limit the active users to one person.
Connection and Printer Driver Problems	Cannot Print	In the case that the status monitor is not displayed. View the page 42. In the event that an error code was displayed, view the error code list (Page 38~40).	View page 42 or pages 38~40 depending on the problem.
	When attempting to install, "GRPSSUP.DLL cannot be used" and the installation fails.	Check that the PC and OS that you are using is supported by Bepop PC EX.	Only Windows 10/8.1/8/7 are supported.
	"Printer driver install failed" and driver cannot be installed	View Page 41 "Printer driver install failed" and driver cannot be installed.	
	Cannot install or uninstall	Check that there is currently no printer job being used.	View page 41 "Cannot install or uninstall (When there is no printer job)"
	The printer does not register the LAN Connection	Is the LAN IP address set? It is necessary to set the LAN address on the printer.	View page 25 "CPM-200 IP Address settings"

Printer driver installation problems

■ When attempting to install, “GRPSSUP.DLL cannot be used” is displayed.

Only Windows 10/8.1/8/7 are supported.

■ “Print driver install failed” is displayed, and driver cannot be installed.

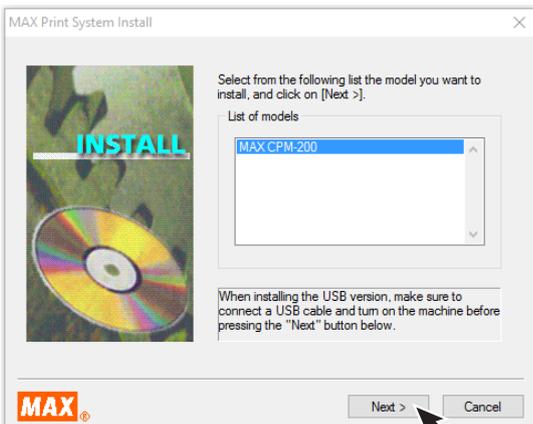
- 1 Restart the computer.
- 2 Follow directions “Installation of the Printer Driver” on page 32, and uninstall the printer driver.
- 3 Restart the computer.
- 4 In the event that virus scan software is in use, stop the program.
- 5 Refer to “BepopPC EX Printer driver install” on page 15.

■ Cannot uninstall or install the printer driver. (There is a remaining printing job)

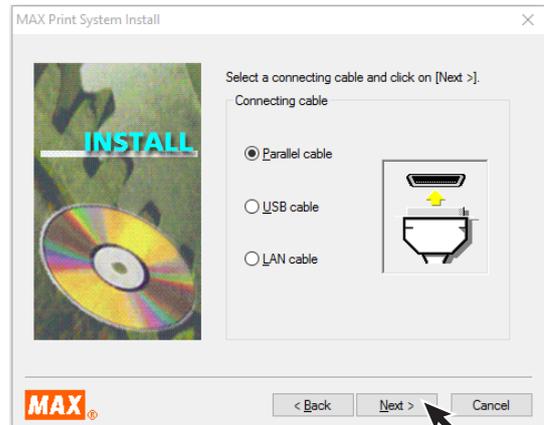
- 1 Start → Printers and devices → Max CPM-200 (double click on the icon).
- 2 If there is a document printing, select “printer” → “Erase all documents”.
- 3 Retry the uninstall.

■ Cannot uninstall or install the printer driver. (There is not a remaining printing job)

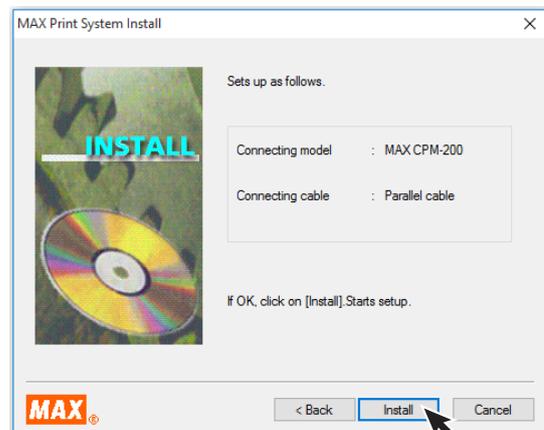
- 1 Follow the directions on page 15 for “BepopPC EX and printer driver install”, continue until prompted to choose a printer type.
- 2 While holding the “Shift” and “L” key, click “Next”.



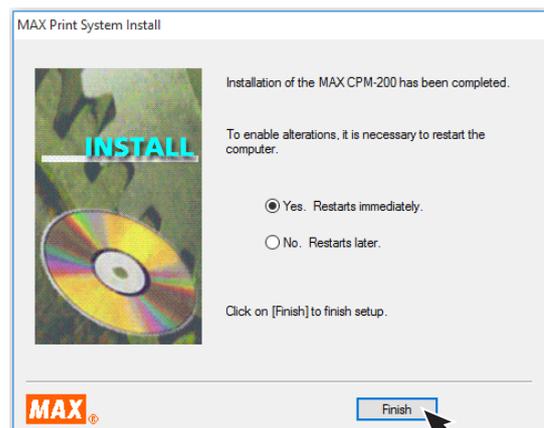
- 3 Select “Parallel Cable” and click “Next”.



- 4 Click “Install”.



- 5 Select “Yes, Restarts automatically”, and click “Finish”. The computer will automatically restart.



- 6 Go to page 32 and select “Printer Driver Uninstall” to uninstall the printer driver.
- 7 Restart the computer.
- 8 In the event that anti-virus software is running, stop the software.
- 9 Follow the instructions on Page 15 “Bepop PC EX printer driver install”.

The printer does not print and status Monitor is not displayed

The driver install finished normally, but when trying to print the status Monitor(the window that shows the remaining ink, sheets, ect...) is not displayed. Also the task bar (bottom of computer screen) shows the normal printer but not the CPM-200 icon.

CPM-200 icon: 

Cause

The status Monitor is frozen, or during the driver installation the status Monitor install failed. The reason for the failure is the anti-virus software interfering with the status Monitor. The actual copy of files from the CD is complete.

Solution

1 Check for problems

Open the service window: Start → (Control Panel) → Performance and Maintenance → Administrative Tools → Service.

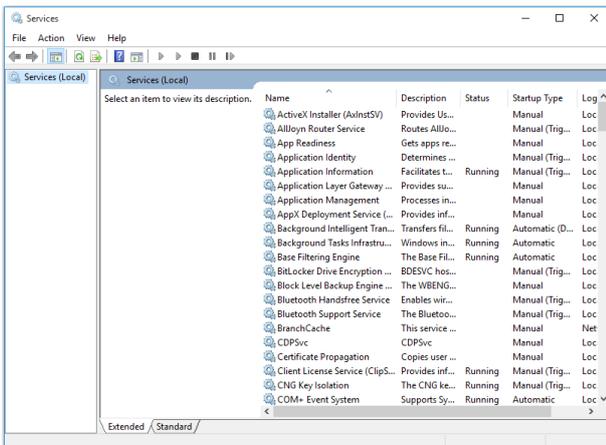
* (Control Panel) may or may not be displayed depending on the software version.

Check that following is recorded under Name:

MAX CPM-200 Option UI Manager

When there is no name it may cause the Status Monitor to fail.

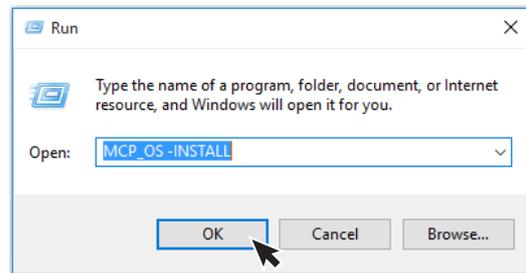
* If there is the correct printer name, check to see if the status is set to start. If it is stopped, right click on the status and select start.



2 Check to make sure that you are logged in as an administrator.

3 Check to make sure that virus software(virus buster, ect...) is not running. If it is running, close it.(Pausing it is not enough. You must close it entirely.)

4 Install the status Monitor manually. Start → Select file name.



Input the following name:

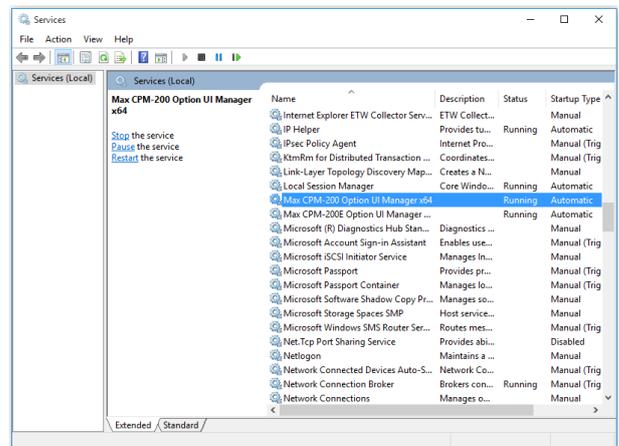
MCP OS -INSTALL
Under bar Half-space Hyphen

Click "OK". The Status Monitor will begin installing.

* If an error message(File not found) is shown, it is possible that the above name has been misspelled.

5 How to check

While looking at the same service window from step 1, check that **MAX CPM-200 Option UI Manager** exists.



Status: Start Start up type: Automatic

If the above settings are correct, the Status Monitor has been installed.(In the event that you manual installed the Monitor, renew the service window before checking.)

In the event that it is not shown, after restarting, retry steps 2 and 3 and uninstall the printer driver. Restart after loading the printer driver, check 2 and 3 again, then do a normal driver install. If the regual install fails again, retry the manual install in step 4.

6 After finishing the installation, restart your computer.

•This instruction manual is subject to change without notice due to functional enhancement.



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