

User's Guide

VersaJet Mobile Printer

MP3200 Series

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Regulatory Information



FCC ID : SBCMP3200

15.21

You are cautioned that changes or modifications not expressly approved by the parts responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



The CE mark as shown above displayed on MP3200 series mobile printer indicates that this product has been tested in accordance with the procedures given in European Council R&TTE Directive (99/5/EC) and confirmed to comply with the European Standard EN 301 489-17, EN 300 328-2, EN 50371, EN 60950.



ETC093LPD0145



T34291

低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信規定作業之無線電信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。



R 004NYCA0018



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Getting Started

Thank you for purchasing **VersaJet MP3200 Series Mobile Printer**. The MP3200 Series is designed with rugged yet lightweight architecture, delivering the ultimate convenience of mobility to meet your on-demanding labels and receipts printing requirement. IrDA, RS232 and Optional Bluetooth, communication interfaces are supported by MP3200, you can select the most suitable one which meets your demand to generate real-time labels and receipts.

This User's Guide provides all of the information required for installation, operation, configuration, maintenance and troubleshooting. For further information or specialized programming, please refer to the Programming Manual available on our web site at : www.cino.com.tw.

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.

FCC Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Notice: Any changes or modification not expressly approved by the party responsible could void the user's authority to operate the device.

Getting familiar with MP3200

Please familiarize yourself with the features of your MP3200 Series as shown in the following diagram.

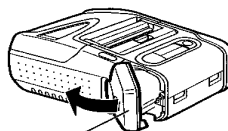
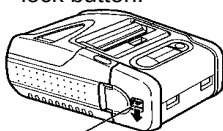


Installing and Charging the Battery

One Battery Pack is included with the Printer and is shipped uncharged. Please unpack the Battery Pack prior to use. The Printer is powered by a 7.2V 2200mAH Li-Ion Battery Pack. Be sure to fully charge the new rechargeable Battery Pack before using it for the first time. Following the steps below to charge the Battery Pack :

Installing the Battery

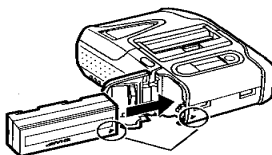
- (1) Open Battery Pack Compartment by pushing down the cover lock button.



Push Down the Cover Lock button

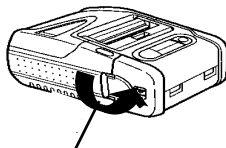
Open the Cover

- (2) Slide the Battery Pack into the Battery Pack Compartment aligning with the arrow sign.



Align the arrow sign

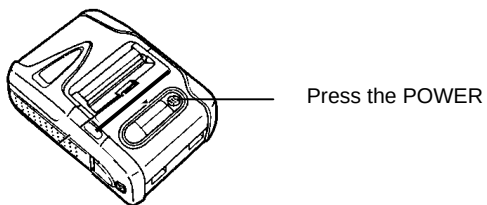
- (3) Close the cover of the Battery Pack Compartment.



Close the Cover

Charging the Battery

- (1) Insert the charge cable into the printer charger jack, then plug the charger into the appropriate A.C. wall socket.
- (2) Power on the Printer by pressing the POWER switch. The LED 1 blinks green light five times, then turning to flash red light. Pressing the POWER switch again, the four LED indicators blink green light three times, then LED 1 turning to flash red light again. This represents the Battery Pack has been fully charged. For more details about LED Indicators, please refer to the Section “ LED Indicators “.



Note :

1. Use of unapproved charger could danger the Battery Pack or the Printer.
2. The Printer should not be operated while the Battery Pack is charging, this will result in improper charge.
3. For more information on battery safety, please refer to the Section “ **Battery Safety Information** “.

Loading the Media

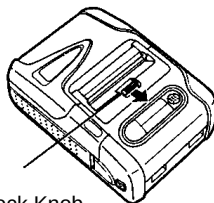
Deciding the Type of Media and Printing Mode

Before loading the media, please decide the media type and printing mode.

Note : If your desired media type is label, it's necessary for you to change the printing mode by using the Printer Command. After changing the printing mode, please execute the Label Length Measurement for the first time. For detailed "Label Length Measurement" procedure, please refer to paragraph "**Conducting Label Length Measurement**".

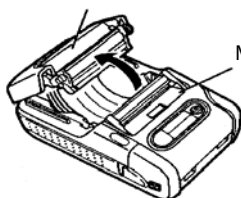
Loading the Media

- (1) Open the Media Compartment Cover by pushing down the Cover Lock Knob.



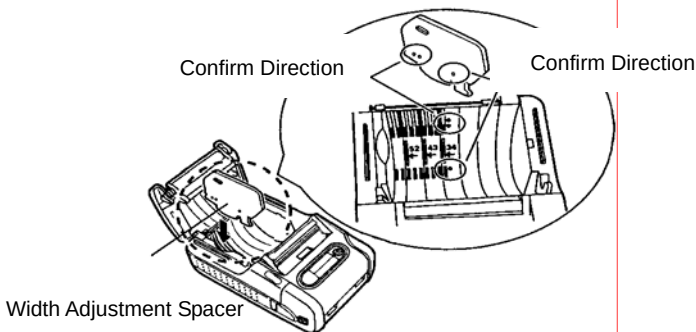
Push down the Cover Lock Knob

Open the Media Compartment Cover (Upper)



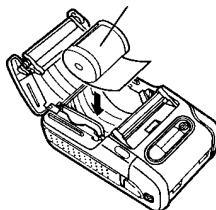
Media Compartment Cover (Front)

- (2) Adjusting the Width Adjustment Spacer to one of the grooves in accordance with the width of the media roll. Grooves are available for the width from 34 to 58 mm with 3 mm per pitch.



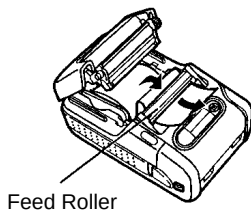
- (3) Set the media load as shown in the following diagram.

Make sure the direction of media roll is correct

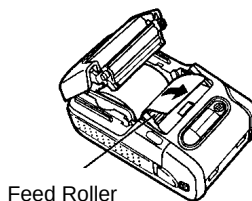


- (4) For label media, setting the label roll with or without Peeler. For receipt media, please always set the paper roll with Peeler.

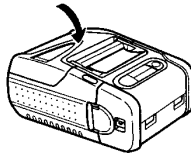
With Peeler



Without Peeler



- (5) Close the Media Compartment Cover.



Note : By using label media with specific sensor setup, the Printer performs automatic Top-of-Form by feeding one label when closing the Media Compartment Cover under power-on status. But the Printer doesn't perform Top-of-Form when using receipt media or continuous printing.

Conducting Label Length Measurement

When using label media, you have to conduct Label Length Measurement. Please follow the instruction indicated below to carry out the measurement.

- (1) Installing a label roll with Media Compartment Cover opened.
- (2) Pressing FEED switch, then closing the Media Compartment Cover.
- (3) Before the Printer starts length measurement, the LED 3 blinks three times.
- (4) Three labels will be fed for executing the length measurement. After completing the measurement, the Printer feeds the label to printing position and is ready for printing.
- (5) If the length measurement is failed or executed without setting the label roll, the Printer issues a jam error.

Note : When the length measurement is completed without any problem, the values will be stored into the Flash ROM memory.

Performing a Self-Test Print

Printing a Configuration Message

Printing a configuration message once the Battery Pack is fully charged and the media roll is loaded. Performing a Self-Test Print to verify the printer is under proper working condition. You can print a configuration message after conducting the Self-Test procedure.

- (1) Make sure the Printer is power off.
- (2) Press FEED button and POWER button simultaneously.
- (3) Release both POWER and FEED buttons, the four LEDs blink green lights 5 times, then LED 1 blinks orange light 10 times quickly. The Printer starts printing a Self-Test message.

This message indicates the model No, firmware version, communications, power, control setting, specifications and head resistance information.

Tearing Off the Print Job

Pulling one edge of the media against the tear bar, then tearing down and across against the tear bar to tear the media.

Operation

The tables below identify and define the Printer switches and LED indicators interface.

Switch Functions

The Printer has two control switches : POWER switch and FEED switch. Following table shows the Printer status by pressing each switch. under different states.

Switch	State	Action	Status
POWER	Power Off	Press	Power On
	Normal Mode	Press 2 seconds or less	No Change
		Press 2 seconds or more	Power Off
	Power Save Mode	Press 2 seconds or less	Escape from Power Save Mode Carry out head check Display battery remains, then turn to normal mode
		Press 2 seconds or more	Power Off
FEED	Power Off	Press both FEED and POWER together with Media Compartment Cover closed	Perform a Self-Test Print
	When Turn On Power	Press, with Media Compartment Cover opened	Start Firmware Change Mode

	Normal Mode	Press, with Media Compartment Cover closed	Label Print Mode: When no print has been done, feed one label. If any print has been done, re-print the last label. Receipt Print Mode: Feed paper approx. 20mm. If follows “stop printing” caused by an error, then re-print the last print.
		Press, with Media Compartment Cover opened	After cover is closed, start length measurement
	Power Save Mode	Press, with Media Compartment Cover closed	Escape from Power Save Mode, then turn to Normal Mode after performing the following actions. Label Print Mode: When no print has been done, feed one label. If any print has been done, re-print the last label. Receipt Print Mode: Feed paper approx. 20mm. If follows “stop printing” caused by an error, then re-print the last print.
		Press, with Media Compartment Cover opened	After cover is closed, start length measurement

LED Indicators

The Printer has four LED Indicators. When you turn on the power or press the POWER switch under power save mode, the LED Indicators display the battery remains by blinking light. Please refer to the battery remains status by its LED light indication as shown below.

LED 1	LED 2	LED 3	LED 4	Status
G	G	G	G	More than 90% of battery remains
G	G	G		More than 70% of battery remains
G	G			More than 50% of battery remains
G				More than 20% of battery remains
O				More than 10% of battery remains
R				Less than 10% of battery remains
R				Communication error

. Note : G – Green ; O – Orange, R – Red

Power Save Mode

To minimize the power consumption, the Printer changes to Power Save Mode in accordance with your setting automatically. If it's under an error condition, then the Printer goes to power Saving Mode in 10 seconds. Power Save Mode can be terminated by performing following actions :

- (1) Receiving data through IrDA (Link securing)
- (2) Receiving data through RS232C
- (3) Closing the Media Compartment Cover
- (4) Pressing the FEED switch
- (5) Pressing the POWER switch

Consequent actions will follow each Power Save Mode cancellation :

- (1) Receiving data through IrDA and RS232C
 - Starting data processing.
- (2) Closing the Media Compartment Cover
 - The Printer performs Top-of-Form (for label print mode) then turning to normal mode.
 - The Printer performs Length Measurement (for label print mode) if the FEED switch is pressed before closing the Media Compartment Cover.
- (3) Pressing the FEED switch
 - Reprint the last print.
 - For label print mode, if no label has been printed prior to this, the Printer feeds one label.
 - For receipt print mode, if no receipt has been printed prior to this, the Printer feeds paper approx. 20mm in length.
 -

- (4) Pressing the Power switch
- The Printer carries out head check and displays battery remains, then turn to normal mode.

Auto Power Off

In order to minimize the battery consumption, the Printer goes off automatically 10 minutes later after entering into Power Saving Mode. Before Auto Power-Off, MP3200 Series sends a notice to the last-communicated external equipment. If no response from the external equipment or no any operation on both POWER or FEED switches, the Printer will shut off in 10 seconds. If you want to turn on the Printer, just pressing the POWER switch. You can set up the time frame between 00 to 255 minutes to activate the Auto Power Off function. However, if you set the time frame as 00, then the Auto Power Off function won't be activated. To turn off the power, just pressing and holding the POWER switch for 2 seconds or more.

Troubleshooting

Please review the following Troubleshooting Guide to solve common problems you may encounter with your Printer. If the problems are not covered in the Troubleshooting Guide, please contact the company where you purchased your Printer. If they can't assist you, please contact PC World technical support at 886-2-2696-2559.

Troubleshooting Guide

Problem	Solution
Printer can't be turned on	◆ Make sure the battery pack is installed properly. ◆ Recharge the battery pack.
No label (paper) movement	◆ Adjust or replace platen drive gears as required. ◆ Select the correct label sensor type (for label media). ◆ Remove the obstruction in paper path
Poor print quality	◆ Clean the print head. ◆ Check and recharge the battery pack. ◆ Check the quality of media.
No print	◆ Make sure the paper is loaded correctly. ◆ Verify communication between the host device and the Printer is correct.