

Quick Start Guide

MIP480



Safety Guidelines

For detailed information, refer to the User Guide of the printer. The User Guide is provided as an Adobe Acrobat PDF file on the CD shipped with your printer. Be sure to read the safety guidelines in the User Guide before using this product. Keep this User Guide in a place which is easily accessible at all times.

WARNING

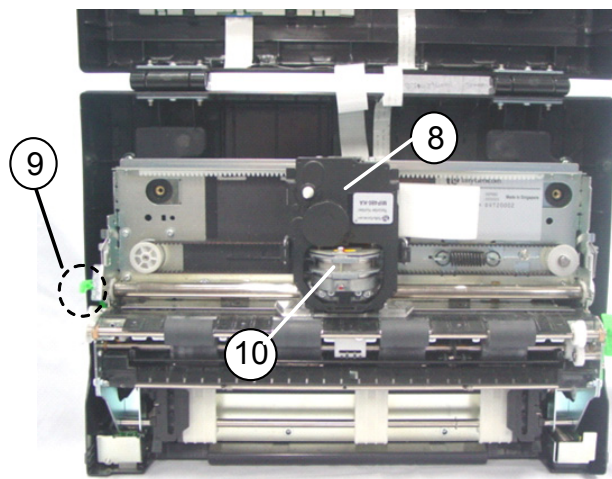
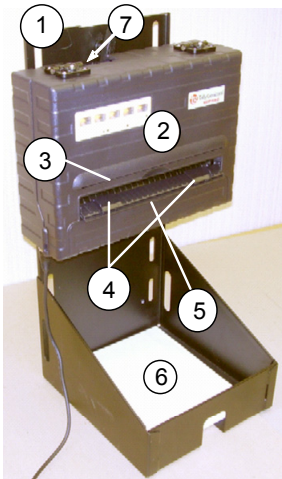
- ! Do not use the printer while driving.
- ! To avoid any possibility of injury, before cleaning the printer, turn off the power to both the printer and the computer, and unplug the printer.
- ! Do not use solvents, kerosene, or abrasive cleaning materials that may damage the printer.
- ! Keep all liquids away from the printer.

CAUTION

- ! Before starting to print, check that the ribbon cartridge is correctly installed the paper is loaded in the proper position.
- ! If the printer has worked for some time, avoid touching the printhead: it can be very hot. It is advisable to wait a few minutes before attempting to replace the ribbon cartridge.
- ! Once the printer has been turned off, wait at least 10 seconds before turning it on again; this allows the internal reset circuitry to work properly.
- ! Do not self test without ribbon or paper.
- ! If you try to print crunched, folded or damaged material, this could lead to paper jam.

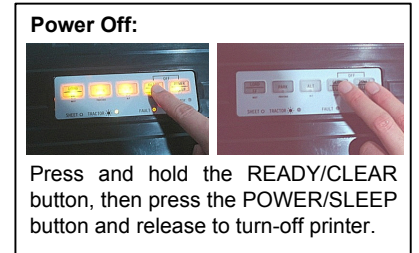
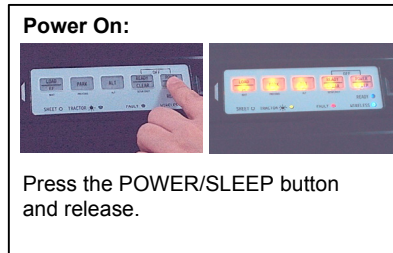
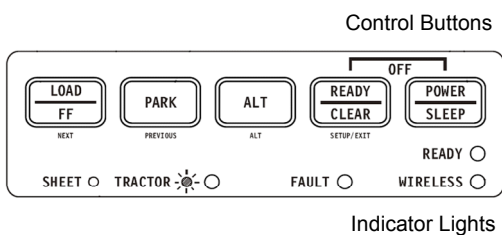
1

Detailed picture



1. Vertical Mount
2. Control Panel
3. Paper Tear Edge
4. Paper Edge Guides
5. Single-Sheet Paper Support
6. Paper Stack
7. Interface Connector
8. Ribbon Cartridge
9. Print Gap Lever
10. Print Head
11. Paper Select Lever

Control Panel - Printer Controls and Buttons

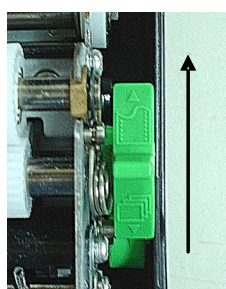


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Paper handling

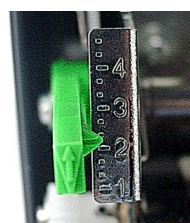
2-1 Loading Continuous Forms

The printer can handle paper with different thicknesses. The Print Gap Lever allows you to adjust for different paper thickness. Be sure to adjust the Print Gap Lever whenever you change the number of copies to be printed. If desired, raise the paper support fully up, position #4-2, for improved visual paper loading. After loading, move the paper support to fully down position #1.



A) Push the Paper Select Lever up to choose Continuous Forms

B) Adjust for paper thickness with the Print Gap Lever



↑ Larger Print Gap
↓ Smaller Print Gap

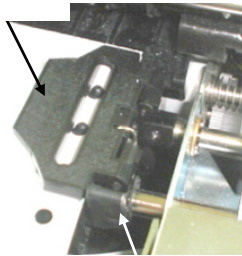
C) The Print Gap Lever



Caution: if printing smears, the ribbon misfeeds, or the paper jams, move the print gap lever one position higher.

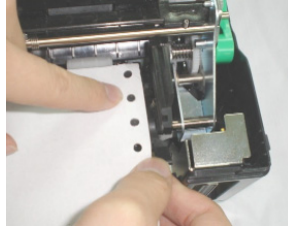
2-1 Loading Continuous Forms (Cont.)

Tractor Door



Locking Lever

Release the tractor locking levers by pulling them up. Once the forms tractor is positioned, lock it by pushing down its locking lever.



Holding the paper against the Easy-Load platform, fit the paper into the tractor. Close the door. Repeat the procedure for the left tractor and adjust forms tractor to accommodate the width of the form. Move the paper to make the paper flat. Do not stretch the paper too taut. Push the locking lever down to secure the tractor in place.



Automatic Tear-Off

Your printer is factory-set for automatic paper positioning for tear-off after a complete form is printed.

Manual Tear-Off

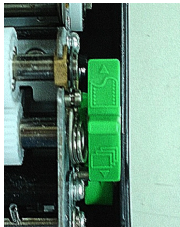
Press the LOAD/FF button to position the paper perforation in front of the tear edge. Tear the paper against the tear edge.

2-2 Unloading Continuous Forms

To unload continuous forms: Press the PARK button. The continuous forms paper is retracted to the park position. If the paper cannot be retracted in one operation, continue to press the PARK button until the paper is parked. To remove the paper, raise the Tractor Doors and lift out the paper.

2-3 Loading a Single Sheet of Paper

Make sure that the printer is turned on. Check that tractor-fed continuous forms, if loaded, are retracted to the park position.



Move the Paper Select lever down. (Adjust Print Gap Lever if necessary)

Raise the Single Sheet Paper Tray until it locks in position 2.



Line up the right sliding edge guide with the rib on the paper support. Adjust the left sliding edge guide to the width of the paper. Insert the sheet into the raised paper support. Make sure that the bottom edge of the paper engages snugly with the platen. The paper will automatically advance to the top-of-form position if the single sheet load option is set to Automatic.

Ejecting Single Sheets

If printing using software with form feed, each sheet is ejected automatically after a complete form is printed. To **manually eject** sheets of paper press the LOAD/FF button to execute a forward form feed.

2-4 Switching Paper Types

Switching from continuous forms to single sheets:

1. Tear off your printed pages.
2. Retract the forms paper to the park position by pressing the PARK button (the Fault indicator turns on).
3. Move the Paper Select Lever to the single sheet position and insert a sheet according to the directions above.
4. Raise the single sheet paper support to position #2 and insert a sheet according to the directions above.

Switching from single sheets to continuous forms:

1. If a sheet of paper is loaded, remove the paper by pressing the LOAD/FF button.
2. Move the Paper Select Lever to the continuous forms position.
3. Move the single sheet paper support to the fully down position #1.
4. Press the LOAD/FF button. The continuous forms paper advances from the park position to the top-of-form position.

3 Changing the Ribbon Cartridge



Open print-gap lever fully open. To remove the old ribbon, squeeze both of the ribbon's tabs and lift the ribbon straight out of its carriage.

Be careful of the print head during this operation.



Ribbon Cartridge



Before installing the ribbon cartridge, release the two tabs on the side of the cartridge, then move the roller to the FREE position. If the tabs are not released, the cartridge will not fit onto the printer.

When placing the new ribbon cartridge on the carriage, make sure that the thin ribbon does not become bunched or folded at the print head. Readjust the print gap to achieve good print quality.

4 Trouble Shooting

NO POWER

1. Ensure the power plug is properly seated in bottom of printer.
2. Check the in line fuse coming from the battery.

POOR PRINT QUALITY

1. Ensure the ribbon cartridge is properly seated on carriage assembly.
2. Replace the ribbon.
3. Check the head gap position (Green tip lever on left – push down and move lever 2 to 3 clicks upward or adjust accordingly to darkness of print).

PAPER JAMMING

1. Ensure the paper is aligned properly in the bottom tractors.
2. Ensure the tractor lids are closed and both tractors are in the locked position.
3. Ensure the head gap is not set too tight against the paper (see step 3 in POOR PRINT QUALITY).
4. Ensure the ribbon is installed correctly.
5. Ensure the paper is not torn or ripped going into the printer.

PAPER NOT LOADING (Tractors Not Turning)

1. Open the cover, ensure green paper type switch (located on the right side of the printer) is set for continuous feed paper.
2. Press the LOAD/FF button to see if tractors turn.