



PRAGATI REGULAR

USER HANDBOOK

Bluetooth Enabled 3-inch (80mm) Mobile Thermal Printer

AVAILABLE IN 2 MODELS:

- PRAGATI REGULAR 2600: 2600 MAH BATTERY (Black in Colour)
- PRAGATI REGULAR 2000: 2000 MAH BATTERY (White in Colour)

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Know Your Device

BluPrints presents Pragati Regular, a Bluetooth & USB Enabled 80mm (3 Inch) Thermal Printer with rechargeable battery and a 5V Charger, It is a portable receipt printer for Printing on-the-go via all kinds of USB/Bluetooth enabled devices.

What's on the Device

- Sliding Switch: This is an On/Off Switch.
- Mode Button:
 - Paper Feed - Single Press releases (feeds) paper
 - Mode - Continuous press for 1 second prints device Name, Battery Status, Comm Mode, Font, Firmware
- LED Indications on the LEFT Side:
 - GREEN - FOR POWER ON
 - RED - FOR ERROR CONDITIONS: (Note: 1 Blink = Half Second ON, then OFF)
 - Bluetooth Not Working: Red LED Blinks once every 3 Sec
 - Battery is LOW: Red LED Blinks twice every 3 Sec
 - NO Paper: Red LED Blinks four times after every 3 Sec
 - Print Head getting Too Hot: Red LED Blinks eight times after every 3 Sec. If multiple errors occur simultaneously, then the number blinks will add up.
- LED Indications on the RIGHT Side:
 - FIRST LED: Bluetooth LED, Blinks once BT is connected to App.
 - SECOND LED: Charging LED. This LED Glows while the Printer is Charging. Once fully charged, this LED stops glowing. But if a functioning charger is connected, it glows at least once.



Accessories

- CHARGER: 5v 2A Power Adapter
- BATTERY: Cylindrical 7.4V/ 2000 or 2600 mAh
- CABLE USB For Printing & Charging
- PAPER ROLL: 80mm Receipt Size
- BELT ATTACHABLE CARRY CASE: Optional



Serial Number

Bluetooth Name: BTPrinter079743

YEAR DEVICE NUMBER
 P1A 24 07 9743
 MONTH

Notes:

- Above is an example of the naming convention. actual device name would be mentioned on the device.
- For Pragati Regular 2000, the S.No. will start with P1A
- For Pragati Regular 2600, th S.No. will start with P2A

Getting Started

- Once the printer is switched ON, RED LED blinks a few times while configuring Bluetooth Baud Rate & default parameters of Printer. Please wait for this process to be completed before using the Device.
- If the Printer is not getting switched ON:
 - Check if the Battery is properly inserted.
 - Connect the charger to charge the Battery
 - Press MODE Button continuously for 1-2 Sec to get test print
- In case print is very light even after connecting the charger, either battery is faulty, or it is not connected properly to battery connector.
- Mode Button shows following important information:
 - Bluetooth Name (e.g.BTprinter031234), which will show on your Bluetooth Phone / tab / laptop.
 - Battery Status to see how much charge the battery has. In case of low battery, please charge the device for 3 hours before use.
 - Firmware version
 - Communication: this shows Bluetooth/USB if both modes are working properly. It will not show mode(s) that are not working.
- Bluetooth Passwords for pairing (if required): 1234 / 0000.

DRIVERS / SOFTWARE / APPS ON WEBSITE

- SOFTWARE DEVELOPMENT KIT (SDK)
 - USB DRIVER - 3 INCHES
 - WEB PRINT APPLICATION (AVAILABLE ON DEMAND)
 - DEMO APP - BLUPRINTS SMARTPRINT AVAILABLE ON GOOGLE PLAYSTORE - <https://play.google.com/store/search?q=bluprints+smart+print&c=apps>
- USB NOT RECOGNIZED: If this message comes on laptop /desktop while connecting USB cable to printer, restart the printer (using ON/OFF switch). If still nor recognized, try with a different data cable.



<https://bluprints.in/downloads>

BluPrints Product Range

SAMPANN & PRAGATI - MOBILE PRINTERS



Wireless Handheld Mobile Thermal Printer Series with Receipt Size of Two Inches (58mm) & Three Inches (80mm)

UTKARSH - RECEIPT PRINTERS



Desktop Based Ultra High Speed Point of Sales Receipt Printers with Built-In Auto-cutter with Receipt Size of Three Inches (80mm)

UNNATI - BARCODE LABEL PRINTERS



Wired and Wireless Desktop Based Label Printer Series (Direct Thermal and Thermal Transfer) with Adjustable Receipt Printing Sizes from Two to Four Inches

VRIDDHI - FIN-TECH DEVICES



Wireless Biometric (Aadhar) Enabled Handheld Devices with/without built-in Printer

PRAKHAR - RETAIL-TECH DEVICES



Range of Windows / Android Based POS Terminals, Scanners, Cash Drawers and other Retail-tech Appliances.

SHIKHAR - ACCESSORIES & CONSUMABLES



Range of Batteries, Power Adapters, Battery Chargers, Cables, Carry Cases and POS Stationary: Paper Rolls, Label Rolls, Ribbons, etc.



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Usage & Care

- Use original BluPrints 5v USB charger to ensure better charging & longer battery life. Any other charger may result in over-charging and cause abnormal chemical reaction, making the battery overheat or explode.
- Avoid contact with water or any conductive material (such as metal). In case such a thing happens just switch off the device immediately and get in touch with customer support.
- Keep the device away from devices like microwaves that can obstruct Wi-Fi or Bluetooth signals.
- Turn Off the device when not use for a long time.
- Bluetooth. Distance should be within 10m.
- Too high (50°C) or too low (10°C) temperature and too high (80%) or too low (20%) relative humidity both affect Scan Quality.
- Ensure that print command is given only when the paper roll is present in the printer and not in a stuck position. Else, it might damage the printer head.
- Keep the printer cover closed always to protect it from exposure to dust & sunlight exposure. Do not try to dismantle the device on your own.

Warranty & Support

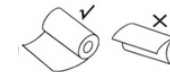
BluPrints offers 800 plus PAN-India Service Centres for walk-in resolution to problems for devices in / out of warranty.

The warranty period starts at the time of Product's original purchase, and the date of invoice issued to the customer. The Warranty Period is mentioned on the invoice. If you wish to make a claim under the Limited Warranty, you may call the support phone numbers (where this is available and please note national rates apply to calls) and/or where necessary, return your Product or the affected part (if it is not the entire Product) to our designated service location. Information about, our designated service locations can be found at our website (www.bluprints.in).

Note: If the warranty period is over, service charges shall be applicable for replacing the parts.

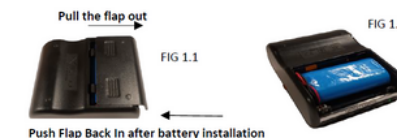
Installation

Paper Roll



Thermal Paper roll can print only on one side. Scratch the paper roll on both sides. The side which turns black is the Thermal Side. Keep the paper in such a way that thermal side of the roll is in contact with the printer head.

Battery



- Turn the Printer over
- Remove the Battery Flap as shown in figure 1.1
- Place the Battery as shown in figure 1.2 and plug the connector (there is only 1 way to plug the connector)
- Close the Battery Flap as shown in figure 1.1

Maintenance

- You can safely use a dry or wet paper towel or cloth to wipe the device.
- Cleaning agents like glass cleaners and anti- bacterial wipes may be used without harming the device. However, the plastic housing of the unit may be damaged if strong solvents, acids or caustic solutions are used.
- Do not pour liquids directly onto device as the liquid might seep into the underlying components and cause damage.
- Your Printer Head Needs Cleaning When:
 - Printing is not clear
 - Some of the columns on the printed receipt are not clear
 - Feeding the paper is abnormally noisy.
- Procedure to clean the Head:
 - Turn off the printer, open cover and remove paper roll.
 - If you have just finished printing, wait for the print head to cool completely.
 - Now dip a soft cotton cloth in petrol/spirit and clean the thermal printer head to remove the dust.
 - Wipe again with dry cotton cloth and re-test printer.

