



|| PRAGATI ||



## PRAGATI REGULAR

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

**For Technical / Installation Related Support:**

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## KNOW YOUR DEVICE

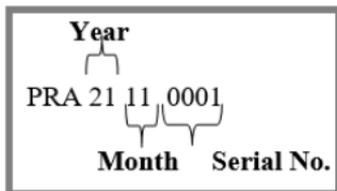
<p><b>SLIDE SWITCH (ON / OFF)</b></p>	<p>-- ON position switches the Printer ON. -- OFF position switches the Printer OFF.</p>
<p><b>MODE BUTTON</b></p>	<p><b>PAPER FEED</b> - Single Press of the Button releases (feeds) paper <b>MODE</b> – Continuous press for 1 second prints the following details of the printer: Name, Battery Status, Communication Mode, Font, Firmware Version</p>
<p><b>LED (ON LEFT SIDE)</b></p>	<p><b>GREEN</b> – FOR POWER ON <b>RED</b> – FOR ERROR CONDITIONS: (Note: 1 Blink = Half Second ON, then OFF) <b>1. Bluetooth Not Working:</b> Red LED Blinks once every 3 Seconds <b>2. Battery is LOW:</b> Red LED Blinks twice every 3 Seconds <b>3. NO Paper:</b> Red LED Blinks four times after every 3 Seconds <b>4. Print Head getting Too Hot:</b> Red LED Blinks eight times after every 3 Sec. <b>NOTE:</b> If multiple errors occur together, then the number blinks will add up.</p>
<p><b>LED (1<sup>st</sup> LED ON RIGHT)</b></p>	<p>Bluetooth LED, Blinks once Bluetooth is connected to Application.</p>
<p><b>LED (2nd LED ON RIGHT)</b></p>	<p>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.</p>

**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.

## MARKINGS ON THE DEVICE



## PRINTER SERIAL NUMBER (ON THE LABEL)



## DRIVERS / SOFTWARE / APPS AVAILABLE ON WEBSITE

1	SOFTWARE DEVELOPMENT KIT (SDK)
2	USB DRIVER – USE THE 2INCH USB DRIVER AND SELECT 80MM AS PAPER SIZE
3	WEB PRINT APPLICATION (AVAILABLE ON DEMAND)
4	DEMO APP – BLUPRINTS SMARTPRINT AVAILABLE ON GOOGLE PLAYSTORE - <a href="https://play.google.com/store/search?q=bluprints+smart+print&amp;c=apps">https://play.google.com/store/search?q=bluprints+smart+print&amp;c=apps</a>



<https://bluprints.in/downloads/>

## ACCESSORIES

1.	5v / 2Amp USB Charger (BluPrints Branded)	
2.	USB to Mini USB Data Cable	
3.	7.4 V, Prismatic Battery (2600 MAH)	
4.	Thermal Paper Roll	
5.	Belt Attachable Safety Case (Carry Bag / Pouch) - <b>OPTIONAL</b>	

## BATTERY INSTALLATION

1. Turn the Printer over
2. Remove the Battery Flap as shown in figure 1.1
3. Place the Battery as shown in figure 1.2 and plug the connector (there is only 1 way to plug the connector)
4. Close the Battery Flap as shown in figure 1.1
- 5.

**Pull the flap out**



FIG 1.1

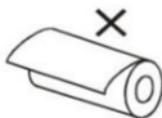
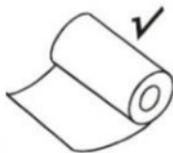
FIG 1.2



**Push Flap Back In after battery installation**

## THERMAL PAPER INSTALLATION

Thermal Paper roll can print only on one side. To identify the Thermal 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.



## GETTING STARTED

1. Once the printer is switched ON, the RED LED will blink a few times while configuring the Bluetooth Baud Rate and default parameters of the Printer. Please wait for this process to be completed before using the Device.
2. If the Printer is not getting switched ON:
  - a. Check if the Battery is properly inserted.
  - b. Connect the charger to charge the Battery
  - c. Press MODE Button continuously for 1-2 Sec to get test print
3. In case print is very light even after connecting the charger, either battery is faulty, or it is not connected properly to the battery connector.
4. Mode Button shows following important information:
  - a. **Bluetooth Name** (e.g.BTprinter1234), which will show on your Bluetooth Phone / tab / laptop.
  - b. **Battery Status** to see how much charge the battery has. In case of low battery, please charge the device for 3 hours before use.
  - c. **Firmware version**
  - d. **Communication:** this shows Bluetooth/USB if both modes are working properly. It will not show the mode(s) that is/are not working.
5. Bluetooth Passwords for pairing (if required): 1234 / 0000

## USAGE AND CARE INSTRUCTIONS

1. Use original BluPrints 5v USB charger to ensure better charging & longer battery life. Any other charger may result in over-charging the battery and cause abnormal chemical reaction, making the battery overheat or explode.
2. Use good quality thermal paper roll (75 GSM) & recommended paper size rolls for better print quality. Other paper types can cause jams and potentially cause damage.
3. 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.
4. Ensure that print command is given only when the paper roll is present in the printer and not in a stuck position. Otherwise, it might lead to damage to the printer head.
5. 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.
6. Keep the printer away from devices like microwaves that can obstruct Wi-Fi or Bluetooth signals.
7. Turn Off the printer when not use it for a long time period.
8. Be sure not to print continuously over 1 meter, otherwise may cause damage to the printer head.
9. Please do not open paper case cover or touch paper roll while printing or feeding; the printer may not working properly.
10. Bluetooth Communication Distance should be within 10m, else it might print junk.
11. Too high (50°C) r too low (10°C) temperature and too high (80%) or too low (20%) relative humidity both affect Print Quality.
12. Be sure to use up the power of the battery before charge it, as it can ensure the using life of the battery.
13. If the printer is to be stored unused for a long time, take out the battery, otherwise may damage the battery and printer.
14. Normal thermal paper can't be kept too long time, if you need to keep the receipt for a long period, please choose long term effective thermal paper.

## GENERAL MAINTENANCE

### Your Printer Head Needs Cleaning When:

1. Printing is not clear
2. Some of the columns on the printed receipt are not clear
3. Feeding the paper is abnormally noisy.

### Procedure to clean the Head:

1. Turn off the printer, open the cover and remove paper roll.
2. If you have just finished printing, wait for the print head to cool completely.
3. Now dip a soft cotton cloth in petrol/spirit and clean the thermal printer head to remove the dust.
4. Wipe again with dry cotton cloth and re-test printer.

## WARRANTY & SUPPORT

**BluPrints offers 80 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](http://www.bluprints.in)).

**Note:** If the warranty period is over, service charges and replaced parts charges shall be applicable.