Product Name: Mobile Receipt Printer

Brand Name: Intermec

Model No: PR2/PR3

User’s Guide

Introduction

PR2/PR3 is a value entry performance mobile receipt printer. PR2 refers to a 2” Printer whereas PR3 corresponds to 3” Printer.

The differentiators of PR2/PR3 are:

a) Low system integration and management cost

b) Smallest Size

c) Lowest Weight

d) Fastest throughput

A PR3 printer is shown in Figure 1 (Top View)

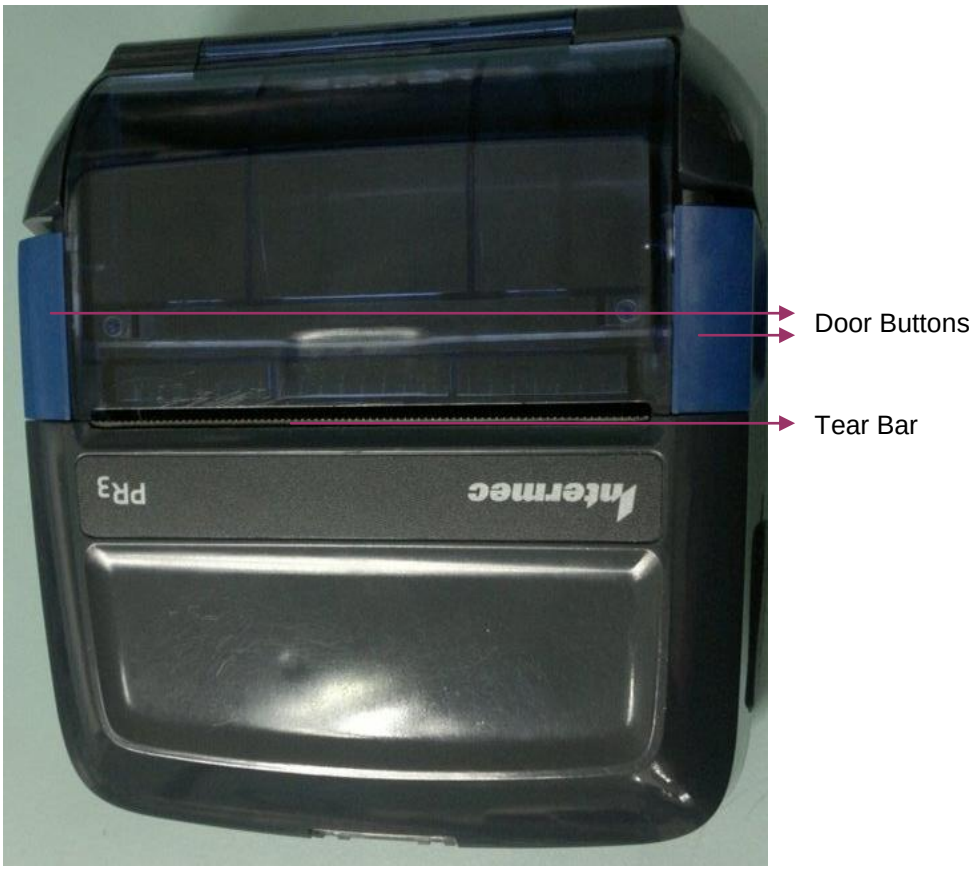
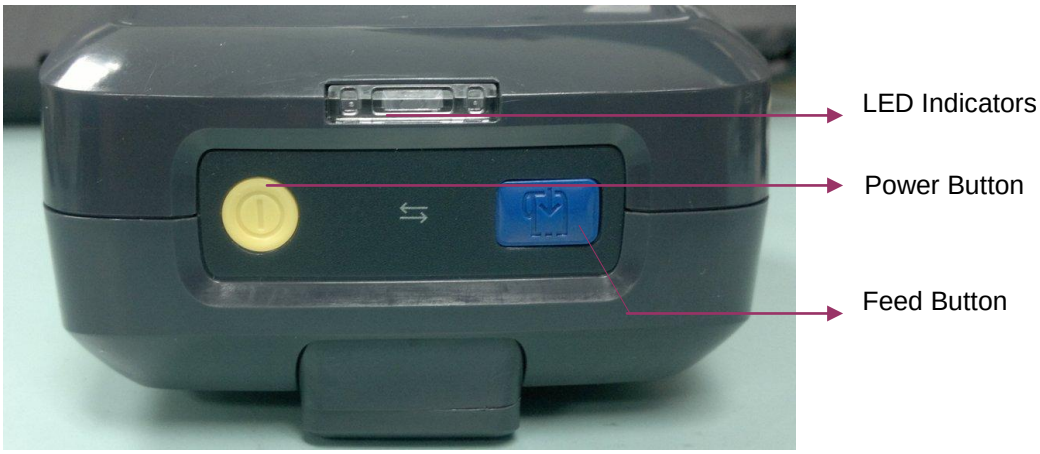


Figure 1: A PR3 Printer (Top View)

The Front view of the printer is shown in Figure 2



LED Indicators

LED Name	LED Behavior and States
Ready-To-Work	• Steady Blue = Printer is on and Ready-to-Work. • Flashing Blue: 50% duty cycle, 0.75 Hz = Printer is on, but not ready to work or there is a critical error. • Off = Printer is off or in deep sleep mode.
Connectivity	• Flashes White: for 0.04 seconds for each packet sent or received = Printer is communicating with host (actively sending data)via USB, IrDA, Bluetooth, or WiFi 802.11 radio. • Off = No data is being sent or received.
Battery	Off Charger • Off = Battery does not have a low charge. • Flashing Red: 25% duty cycle, 1 Hz = The battery has a low charge. On Charger • Steady Green = The printer is connected to external power, and the battery is more than 95% charged. • Pulsing Green: (The output to the LED should be driven with a pulse width modulated (PWM) signal. The frequency used should be above the human perception of any flicker. The difference between PWM duty cycle changes should be small enough so that there is no discernable jump in output brightness. The duty cycle should linearly change for 1.35 seconds to maximum brightness, linearly change for 1.35 seconds to minimum brightness and then remain off for 0.80 seconds. The resulting period of 3.50 seconds is for a complete cycle from off to maximum brightness and back to the off condition.) = The printer is connected to external power and the battery is charging and the battery is between 75% and 95% charged • Steady Red = the printer is connected to external power and the battery is charging, and the battery is between 0% and 75% charged • Flashing Amber at 50% duty cycle, 1 Hz = The battery is out of charging temperature range. • Flashing Red at 50% duty cycle, 1 Hz = There is a battery error.

Critical Error	• Steady Red = Critical errors – cannot continue: Door Open, Out of Paper, or Printhead is too hot • Off = No critical errors are present.
Magnetic Card Reader	• Flashes Green 3 times in one second = Card was read successfully • Flashes Red 1 time at 50% duty cycle, 1 Hz = Card was read unsuccessfully • Off = Card reader is not being used.

Standard Communication Interfaces

There are various printer configurations based on the type of communication interfaces present in the printer.

All configurations of the printer have USB communication.

Apart from USB, one of the following interfaces will be present

- Bluetooth (FCC ID: EHA-INBT01; IC ID: 1223A-INBT01)
- Wi-Fi
- IrDA

Power Supply

The Printer is powered by a 2-cell battery pack with 8.4V, 1620mAh capacity.

Additionally, the battery is charged by using an external AC adapter which comes along with the printer unit.

Print Test Page

To print a test page, press the feed button for a considerable duration (about 10 seconds) when the printer is booting up.

Product operating temperature: -10 ~ 50 degree (discharge between -10 ~ 50 degree)

The battery charging mode to the operating temperature is only 40 degree.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS