

## PORTABLE PRINTER 58MM USB, RS232C ou IrDA

## DOT MATRIX PRINTER

### SPECIFICATIONS

- Easy paper loading design
- 2 kinds of power supply :
  - ◆ Battery pack
  - ◆ Mains 230VAC with adaptor.
- Infra red IrDA link (IrLPT et IrCOMM 3 Raw)
- RS232C (from 110 to 19200 Baud)
- USB 2.0, printer class
- 2 integrated fonts (24 or 40 char/line)
- Double ply paper print capacity.

### APPLICATIONS

The UP-PN portable 8 dot-matrix printer is suitable for mobile applications PDA, and use with devices such as PDA, pocket PC, ...

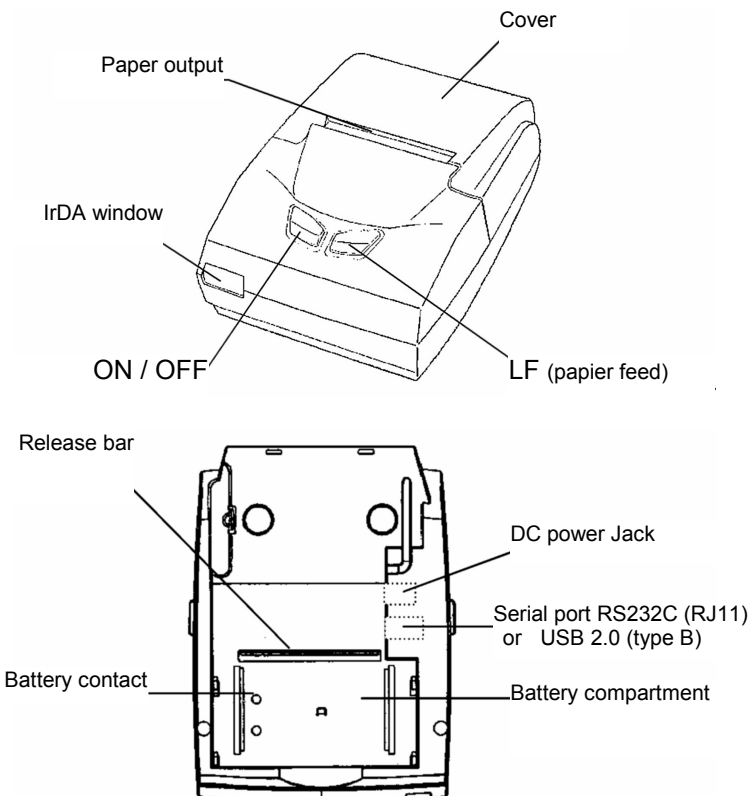


- Easy paper loading
- Paper width 58 mm
- 6VDC battery pack
- USB 2.0, RS232C or IrDA interfaces

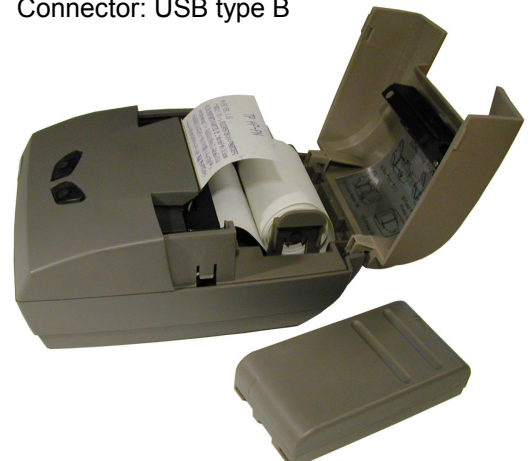
### INTERFACES

3 interfaces are available :

- **Serial RS-232C**  
 Baud : from 110 to 19200 bps  
 Handshake: material or XON/XOFF  
 Format: 7 or 8 bits, 1 or 2 stop  
 parity: odd, even, no  
 Connector: modular jack RJ-11 (6 pins)
- **Infra red port IrDA**  
 (IrLPT, IrComm 3-wire Raw)  
 Distance max : 1m  
 Angle : 30°
- **USB 2.0**  
 Printer class  
 Connector: USB type B



Dimensions 153 (L) x 116 (W) x 65 (H) mm  
 Weight 500g (without paper roll)



## Printing

- Dot matrix, 8 needles
- Print capacity : 1 original + 1 copy
- Print head : EPSON M-192 (240 dpi).

## Paper

- Width: 57.5 ±0.5 mm
- Paper roll : max ØE: 50mm, ØI: 12.5mm
- Thickness: 65µm, 53~64g/m<sup>2</sup>

## Ink ribbon

- MDE-250-V: violet, life: 250 000 characters
- MDE-250-N: noir, life: 200 000 characters
- MDE-2350-LF-V: violet, life 1 000 000 characters
- MDE-2350-LF-N: noir, life 600 000 characters



## Fonts

- IBM-II (96 ASCII)  
The standard size of the matrix is 6×10 dots. A second font is available with 10x10 dots.
- Different fonts are downloadable.

## Commands

The UP-PN-II printer accepts ESC/P 9 needles commands, a compatibility with PCL is also available (simple graphics).

- The ESC/P commands allow these characters enhancements : Wide, underline, downloadable characters, hex dump.
- The PCL commands allow the printing of graphics suitable for most PLC or PDA.

## Functionalities :

- Printing of texts or bitmap graphics
- Autotest at the power up
- Line feed
- Printing of logos

## Power supply

- Battery pack NiMH 6V DC / 1500mAh
- Internal slow charging capability with mains plug 9~12V DC /300mA.
- Quick charge with an external material (not sold)



## Auto shut down :

- Press the "On" button for power up
- The shutdown can be :
  - Automatic after a programmable inactivity delay (from 1 to 15 minutes)
  - Manual after pressing the « ON » button for 5 secondes.

## Configuration :

- By interface
- By menu directly on the printer with the buttons « ON » and «Line Feed »

## Environmental specifications :

- Temperature : 5~50°C
- Humidity: 10~80% without condensation

Type	Density (dots/line)	Size of a dot H x V (mm)	Char / line (6x10)	Size of font 6x10 (mm)	Char/line 10x10 (car)	Size of the font 10x10 (mm)	Print speed (ligne/s)	Line feed speed (lines/s)	MCBF (lines)
UP-PNII-240	240	0,2 x 0,37	40	1,2 × 3,7	24	2 × 3,7	1.5	3.0	1 000 000

## Command code :

UP-PN-II - X X X

Compose your reference by replacing each "x" by the corresponding code .  
*Example: UP-PN-II-BUI*

### SUPPLY

Battery (with extern plug) B  
Mains (with extern plug) S

### WIRELESS INTERFACE

- Without  
I IrDA

### WIRED INTERFACE

U USB 2.0  
V Serial RS232C