



## MPT-II Mobile Thermal Mini Printer

### User Manual



Manufactured for:  
Welch Allyn, Inc.  
4341 State Street Road  
Skaneateles Falls, NY 13153 USA  
[www.welchallyn.com](http://www.welchallyn.com)

# 39408

Material 105886

DIR 80019155 Ver. C  
8105300 Rev A



## 1. Cautions

- RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE
- DISPOSE OF USED BATTERIES ACCORDING TO LOCAL REGULATIONS
- DO NOT PLACE THE BATTERY IN FIRE OR HEAT THE BATTERY
- DO NOT CONNECT THE POSITIVE TERMINAL AND THE NEGATIVE TERMINAL OF THE BATTERY TO EACH OTHER WITH ANY METAL OBJECT
- DO NOT PLACE THE BATTERIES IN MICROWAVE OVENS, HIGH-PRESSURE CONTAINERS, OR ON INDUCTION COOKWARE
- IN THE EVENT THAT THE BATTERY LEAKS AND THE FLUID GETS INTO ONE'S EYE, DO NOT RUB THE EYE. RINSE WELL WITH WATER AND IMMEDIATELY SEEK MEDICAL CARE. IF LEFT UNTREATED THE BATTERY FLUID COULD CAUSE DAMAGE TO THE EYE
- THIS EQUIPMENT IS FOR PROFESSIONAL USE ONLY
- DO NOT OPEN THE COVER WHILE PRINTING. THE PRINTER HEAD MIGHT BE HOT
- DO NOT EXPOSE THE PRINTER TO ANY LIQUID
- DO NOT DISASSEMBLE THE PRINTER
- IF PRINTER IS STORED FOR A LONGER PERIOD OF TIME, STORE THE BATTERY SEPARATELY
- FOR CORRECT BATTERY CHARGING MAKE SURE TO FOLLOW CHARGING INSTRUCTION

## 2. General information

### MPT-II printer kit includes:

- 1 pcs. MPT-II printer
- 1 pcs. MPT-II rechargeable battery pack
- 2 pcs. 40mm diameter thermal paper
- 1 pcs. Power supply, medically approved 12V UE15WCP1-120125SPA
- 5 pcs. Adapters for power supply for world-wide connection
- 1 pcs. User manual

Connection cable supplied separately, depending on instrument.

## 3. Operation

### Paper loading:

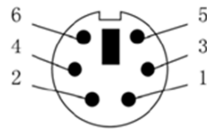
Open the lid by pushing on the sides, insert paper roll as shown, and close the lid.



Reorder paper from your local Welch Allyn distributor.

**RS-232 pinout:**

- 1. TXD
- 2. RTS
- 3. DND
- 4. Reserved pins
- 5. RXD
- 6. Reserved pins



**Battery pack:**

2-cell Li-Ion battery pack 7.4V-1500mAh

**Power supply / charger:**

12V/1A UE15WCP1-120125SPA

Maximum current consumption 0.5A



**Physical properties:**

Size: 102x75x45mm (WxLxH)

Weight: 205g including battery, without paper

**Environmental specifications:**

Operational temperature range: -10C to 50C (14F to 122F)

Operational humidity range: 20% to 85%


Storage temperature range: -20C to 70C (-4F to 158F)

**Battery pack insertion:**

Insert battery as shown.



















**Power on:**

Push POWER BUTTON  for two seconds to power ON or OFF. One short beep will be heard at power ON, two short beeps at power OFF.



Green Power Indicator will be lit if printer is powered by battery.




**Indicators:**

Green LED indicator	Blue LED indicator	Status	Sound	Note
Off 	Fast flash 	Charging		Power On
Off 	On 	Charging		Power Off
Off 	Slow flash 	Battery nearly discharged		
Off 	On 	Charging completed		Power On
Off 	Off 	Charging completed		Power Off
On 	Off 	Power ON, battery powered		
Slow flash 	Slow flash 	Out of paper	Beep	
Slow flash 	Off 	Sleep mode		

### Self-test:

While printer is powered OFF, press and hold PAPER FEED  button, then press and hold POWER BUTTON  simultaneously. When beep is heard after approx. 3 seconds, release both buttons, and a test page will print with information on current status and character samples.

### Paper feed:

When powered press PAPER FEED  button. Paper will feed as long as the button is pressed.

### Bluetooth setup:

Pairing with the instrument is necessary before printing via Bluetooth is possible.

The pairing process is done like this:

1. Power on printer
2. Let the instrument / PC search for other Bluetooth devices
3. A device called MPT-II should occur in the list of devices
4. Finish pairing

For detailed instructions how to initiate Bluetooth search, please refer to your device's user manual.

Note: Do not have several printers powered on and within range while searching.

It is possible to pair up to 8 instruments with one printer. If more instruments are paired the oldest will be deleted.

## 4. Technical specifications

### Print mode:

Thermal line dot print  
Printing width: 48mm  
Resolution: 8 dots/mm (203dpi)  
Dots per line: 384 dots

### Thermal paper:

Paper width = 56mm +/- 1mm max 40mm diameter

### Printer mechanism life:

10<sup>8</sup> print pulses or 50km paper

### Interface options:

USB (Mini-USB)  
RS-232 (6-pin mini-DIN)  
Infrared (RAW\_IR, VIR, IrDA)  
Bluetooth Class2 (up to 10m range) – serial port profile (SPP)

