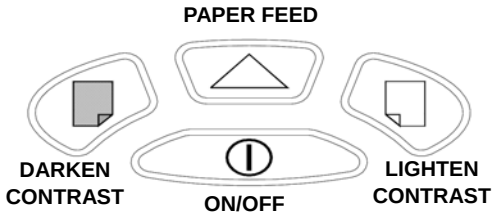
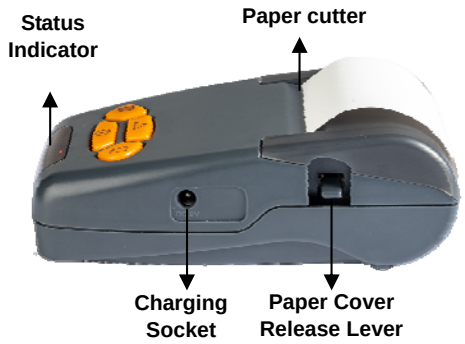
Instruction Manual

Infrared thermo-printer

The IR printer is designed for indoor use only.

Quick Guide





Operation

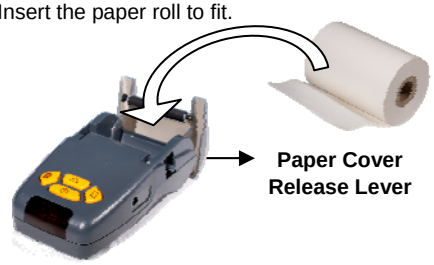
Power ON/OFF

Use the power **ON/OFF key** to switch the printer on or off. After power on, the status indicator will turn into RED light

Note: The printer will automatically switch off after around 10 minutes of inactivity.
To reactivate, press **ON/OFF key** again.
If the battery power falls to low, the current print will be suspended and the status indicator (RED light) will flash 4 times, connect the power charger to continue printing.

PAPER FEED

Release the paper cover by pressing down the release lever to load the paper roll in the IR printer.
Insert the paper roll to fit.



Close the paper cover and gently press down until it locks into place.
User **PAPER FEED key** after confirmed paper has been correctly loaded.

Tear off the excess paper by pulling it against the paper cutter.

⚠**WARNING** Never pull the paper through the printer always use "**PAPER FEED key**".
Note: If the 'Paper Out' warning light is still flashing, restart the printer.

DARKEN / LIGHTEN CONTRAST

The contrast of the IR printer output can be adjusted to lighter or darker by pressing the designated keys

Self-Test

Power off the IR Printer, hold **PAPER FEED key** and press **ON/OFF key**, the output will be all the letters including the Latin format

IR Output Receivign Angle

Face the emitter of measuring instrument to the receiver of IR printer (By the status indicator), applicable receiving angle is 0°. Ensure there are no obstructions between them.
Do not move the instrument emitter or IR printer during printing process to prevent interruption.

Angle = 0°	**Distance ≤4.5m**
Angle = 45°	**Undefined (Horizontal)**
Angle =9 0°	**Undefined (Vertical)**

Power Supply

This product is designed for only rechargeable AA batteries. Four pieces of rechargeable AA batteries are needed. Types cannot be mixed. Adaptor for batteries charging is supplied
Note: The adaptor cannot supply the full power requirement to the IR printer, the batteries must contain some charge before printing will be possible.
⚠**WARNING:** Do NOT attempt to recharge non-rechargeable batteries as this can lead to batteries leaking and over-heating.
⚠**WARNING:** Do NOT use Alkaline AA batteries
The battery charger supplied with the product is rated for indoor use only.

Status Indicator (Red Light)

LED indication	Condition	Solution
Red LED repeatedly flash	Paper Out	Replace paper roll
Red LED flash three times	Low power	Charge by adaptor
Red LED flash twice & printing suspend	Printer head reach thermal limit	Stop printing and wait until the temperature falls to an acceptable level
Red LED flash	Recharging in process	Wait til recharging complete

Missing or misformed characters

The ■ character will show on the print out if the printer has detected incorrect data due to interference with, or interruption to, the stream of incoming information.
Common causes for this error include incorrect positioning of IR printer with reference to the instrument (this can either be due to the distance or the angle of operation), obstruction of the infrared signal or even interference from another infrared emitting source.

Specification

Transmitting Distance:	≤ 4.5M
Receiving Angle:	Angle = 0°
Size:	149(L)x85(W)x49(H)mm
Operating temperature:	0 ~ 40°C (32 ~ 104°F)
Operating RH%:	Humiditiy <80%RH
Storage temperature:	-20 ~ 60°C (-4 ~140°F)
Storage Humidity:	5 ~ 95%RH (Prevent condensation)
Power:	4pcs rechargeable AA Batteries
Standard Package:	IR printer / 9V Adaptor / Rechargeable Batteries / Manual / Thermo-paper roll x1
Optional Accessory:	Thermo Paper Roll (Model No.: VM68898A)