

Printer Installation Guide



Thermal mini printer **A9**

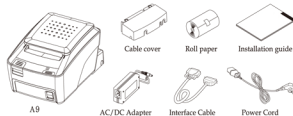
SPECIFICATIONS

Printing Method	Direct Thermal
Printing Speed	220mm/sec
Dot Density(DPI)	203.2
Dot Pitch(mm)	0.125 x 0.125
Effective Printing Width	72mm, 57.6dots
Printing Direction	Unidirectional with friction feed
Character/Line	Font A (14×28) 42 columns Font B (12×24) 49 columns
Paper	Type Thermal Paper Width 79.5 mm (±0.5 mm) Thickness 0.07 mm Roll Diameter 85 φ mm TPI Life 100km
Reliability	MCBF 60,000,000 lines
Character Set	Alphanumeric Character 95 Extended Graphic 128 x 34 Page
Barcode	EAN8, EAN13, UPC-A, UPC-E, ITF, CODE39, CODE93, CODE128, CODABAR
Emulation	ESC/POS Command Compatible TM-T88III
Driver	Windows Driver / OPOS Driver
Interface	Standard Serial(RS-232C) / Parallel / USB / Ethernet
Power	24VDC / 2.5A
Data Buffer	4Kbyte
Dimension	(W)mm×(D)mm×(H)mm 145 × 250 × 130
Cutting	Life 1,000,000 cuts Cutting Method Partial Cut
Weight	Printer Only 1.7kg After Box Packing 3.02kg
Temperature	Operating 0 ~ 40°C Storage -20 ~ 60°C
EMI Standard	CE, FCC

[Note]
 *1) Printing speed may be slower depending on the data transmission speed and the control commands.
 *2) The above values are calculated under printing low with recommended paper at normal temperature.
 The values may vary with environment temperature, printing level, etc.

Unpacking

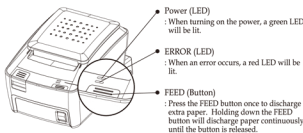
After unpacking the box, make sure all items shown below are in the box.



Features

- High performance CPU (ARM 9, 32bit)
- Ultra fast printing speed to 220mm/sec
- Specially designed font provides high readability.
(1 Byte: 14 × 28dot / 2 Byte: 28 × 28dot)
- High resolution to 203dpi
- Support various interface (RS232C/Parallel/USB/Ethernet)
- Support unicode, 34 type of character set.
- Built in Buzzer
- Available Extension Melody or Extension Voice
- Windows, OPOS drivers
- Compatible with EPSON or STAR cash drawer by Dip switch setting.

Control Panel



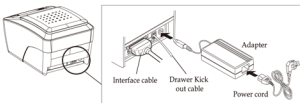
Paper JAM



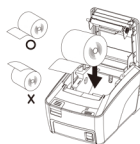
1. When the paper is jammed with cutter, stop printing.
2. Open the top cover and remove the jammed paper.
3. In case the top cover is stuck, repeat power on and off several times.
4. If the top cover is still stuck, remove the cutter cover as shown on picture 1, using flat screwdriver.
5. You will see the roller as shown on picture 2. Please keep moving the roller into (4) direction until the jammed paper is released.
6. After the jammed paper is removed, turn back on the printer.

Connecting the cables

1. Make sure the printer and the host computer are turned off
2. Connect the power cord to the adapter, and then connect the adapter to the printer.
3. Check the interface at the rear side of the printer and connect the interface connector cable accordingly.
4. Connect drawer kick-out cable to the drawer kick-out connector on the printer.



Installing the paper roll



1. Press the cover open button to open the cover.
2. Remove any used paper roll core, and insert the new paper roll as shown on the left.
3. Pull out some paper and close the cover.

[Note]
 When closing the cover, press down on the center of the cover to ensure the paper is in contact with the roller.

No	Language	Code Page	Default Setting : English					
			SW2-6	SW2-5	SW2-4	SW2-3	SW2-2	SW2-1
3	SOUND	No Sound Internal Buzzer Extension Melody Extension Voice	OFF OFF ON ON	OFF OFF ON ON	OFF OFF ON ON	OFF OFF ON ON	NO SOUND	
4	Print Density	LOW NORMAL NORMAL HIGH	OFF OFF ON ON	OFF OFF ON ON	OFF OFF ON ON	OFF OFF ON ON	LOW	

SW2

No	Language	Code Page	SW2-6	SW2-5	SW2-4	SW2-3	SW2-2	SW2-1
1	USA, Standard Europe	CP-437	OFF	OFF	OFF	OFF	OFF	OFF
2	Japanese	Katakana	OFF	OFF	OFF	OFF	OFF	ON
3	Multilingual	CP-850	OFF	OFF	OFF	OFF	ON	OFF
4	Portuguese	CP-860	OFF	OFF	OFF	OFF	ON	ON
5	Canadian-French	CP-863	OFF	OFF	OFF	OFF	ON	OFF
6	Nordic	CP-865	OFF	OFF	OFF	ON	OFF	ON
7	Latin I	CP-1252	OFF	OFF	OFF	ON	ON	OFF
8	Cyrillic Russian	CP-866	OFF	OFF	OFF	ON	ON	ON
9	Latin II	CP-852	OFF	OFF	ON	OFF	OFF	OFF
10	Euro	CP-858	OFF	OFF	ON	OFF	OFF	ON
11		Thai-42	OFF	OFF	ON	OFF	ON	OFF
12	Thailand character	Thai-11	OFF	OFF	ON	OFF	ON	ON
13		Thai-14	OFF	OFF	ON	ON	OFF	OFF

14		Thai-16	OFF	OFF	ON	ON	OFF	ON
15	Thailand character	Thai-18	OFF	OFF	ON	ON	ON	OFF
16		CP-874	OFF	OFF	ON	ON	ON	ON
17	Greek	CP-737	OFF	ON	OFF	OFF	OFF	OFF
18	Baltic	CP-775	OFF	ON	OFF	OFF	OFF	ON
19	Cyrillic	CP-855	OFF	ON	OFF	OFF	ON	OFF
20	Turkish	CP-857	OFF	ON	OFF	OFF	ON	ON
21	Icelandic	CP-961	OFF	ON	OFF	ON	OFF	OFF
22	Hebrew	CP-862	OFF	ON	OFF	ON	OFF	ON
23	Arabic	CP-864	OFF	ON	OFF	ON	ON	OFF
24	Greek II	CP-869	OFF	ON	OFF	ON	ON	ON
25	Cyrillic	CP-321	OFF	ON	ON	OFF	OFF	OFF
26	Greek	CP-1253	OFF	ON	ON	OFF	OFF	ON
27	Turkish	CP-1254	OFF	ON	ON	OFF	ON	OFF
28	Hebrew	CP-1255	OFF	ON	ON	OFF	ON	ON
29	Arabic	CP-1256	OFF	ON	ON	ON	OFF	OFF
30	Baltic	CP-1257	OFF	ON	ON	ON	OFF	ON
31	Vietnames	CP-1258	OFF	ON	ON	ON	ON	OFF
32	Traditional Chinese Big5	CP-950	ON	ON	ON	ON	OFF	OFF
33	Simplified Chinese GBK	CP-936	ON	ON	ON	ON	OFF	ON
34	Japanese Shift-JIS	CP-932	ON	ON	ON	ON	ON	OFF
35	Korean	CP-949	ON	ON	ON	ON	ON	ON

Self Test

1. Make sure the paper roll is installed properly.
2. While holding down the FEED button, turn on the printer to begin self test.
3. The self test prints out the current ROM version and DIP switch settings.
4. Printing stops when release the FEED button.
5. The printer is ready to receive data as soon as it completes the self-test.

DIP Switch Tables

Make sure that power off when changing DIP switch setting.

SW1

No	Function	Setting			Default
1	RS232-C Transmission Speed	SW1-3	SW1-2	SW1-1	9600BPS
		2400BPS	OFF	OFF	OFF
		4800BPS	OFF	OFF	ON
		9600BPS	OFF	ON	OFF
		19200BPS	OFF	ON	ON
		38400BPS	ON	OFF	OFF
2	RS232-C (Handshaking)	57600BPS	ON	OFF	ON
		115200BPS	ON	ON	OFF
2	RS232-C (Handshaking)	SW1-4			DTR/DSR
		DTR/DSR	OFF		
		XON/XOFF	ON		