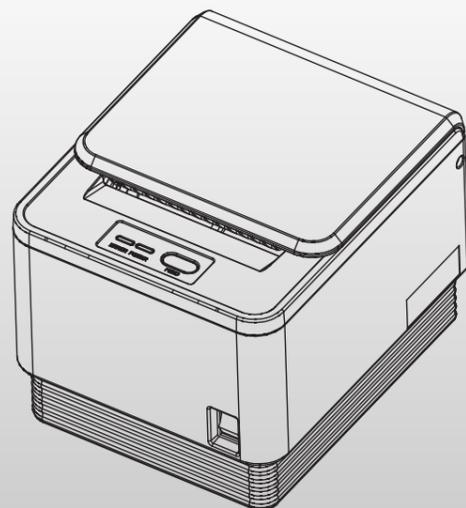


Printer Installation Guide



Thermal Receipt Printer A7

Printing Method	3" Jam-free direct thermal	
Printing Speed	170 mm/sec max	
Dot Density (DPI)	203.2 DPI	
Dot Pitch (mm)	0.125*0.125 mm	
Effective Printing Width	72mm, 576dots	
Printing Direction	Unidirectional with friction feed	
Character/Line	Font A	(12*24) 42 columns
	Font B	(10*20) 56 columns
Paper	Type	Thermal paper
	Width	79.5mm (±0.5mm)
	Thickness	0.07mm
	Roll diameter	83Ømm
Reliability	TPH Life	100km
	MCBF	60,000,000 lines
Character/Set	Alphanumeric character	95
	Extended graphic	128 x 35 page
Barcode	EAN-8, EAN-13, CODE39, CODE93, CODE128, ITF, UPC-A, UPC-E, CODABAR	
Emulation	ESC/POS command compatible	
Driver	Windows / OPOS	
Interface	Serial / USB	
Power	24 VDC / 2.5A	
Data Buffer	4 Kbyte	
Cutting	Life	700,000 cuts
	Cutting method	Partial cut / Full cut
Temperature	Operation	0 ~ 40°C
	Storage	-20 ~ 60°C

[Note]

- * 1) Maximum printer speed is dependent on the data transmission speed from the main terminal.
- * 2) The above specifications are calculated while printing under low power, at average room temperature and using the recommended paper. These values may vary under alternative conditions.
- * 3) Printing quality can be affected by loud noises from outside sources.

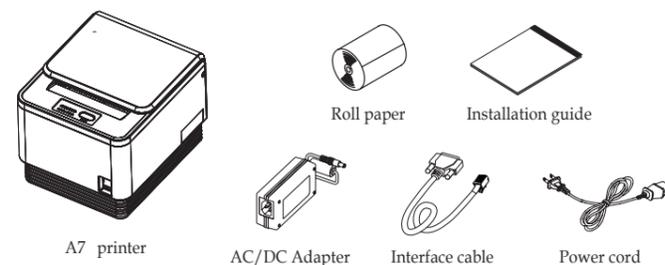
Features

- Versatile & adaptable applications
- Paper Jam-free type printing
- Easy paper loading
- Auto-cutter
- RS232/USB interfaces
- Internal buzzer / Melody box extension compatibility
- High performance CPU
- High resolution printing (up to 203dpi)
- ESC command plus Windows/OPOS driver support
- Epson/Star cash drawer emulation via DIP switch

* It is recommended that this product only be used with the adapter supplied. POSBANK accepts no liability for any damage caused as a result of using any other adapter.

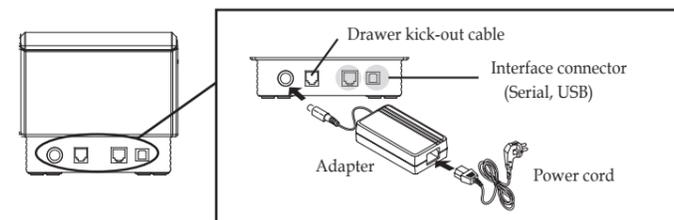
In the box

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

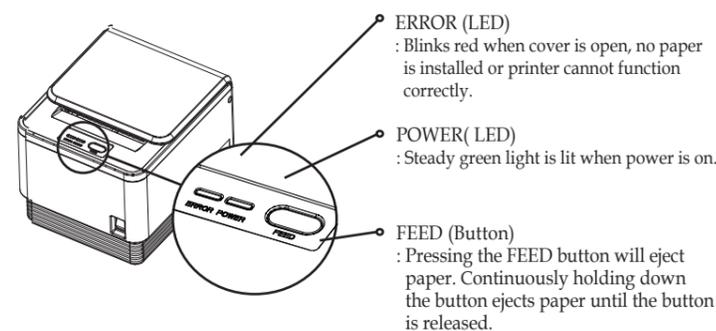


Connecting the cables

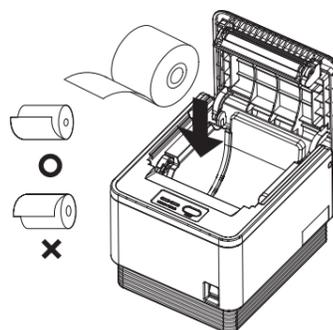
- Ensure that both the printer and host terminal are switched off.
- Connect the power cable by first pulling back on the locking mechanism and inserting into the printer's interface.
- Connect to the power outlet using the adapter provided.
- Connect the printer to the main terminal using the interface cable provided. Ensure that all connections are correct and firmly secured.
- If using a cash drawer, connect to the printer's interface using a drawer kick-out cable.



Control Panel



Installing the paper roll



- Push down on the level to the left side of printer to open the cover.
- Switch off the power.
- Remove any paper remaining inside the printer and insert a new paper roll, ensuring that the end of the roll is underneath. (as shown in the diagram)
- Pull the end of the paper outside the machine and close the cover, ensuring that the cover is locked properly into place.
- Switch the power back on.

[Note]

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

Printer settings

The printer properties (baudrate, density etc.) can be changed from the printer's 'Setting mode'.

To enter 'Setting mode' :

- Switch off the printer.
- Ensure that the paper roll is inserted properly and the end of the roll is outside the printer with the cover securely fixed.
- While holding down the FEED button, switch on the power.
- The printer's 'Self-test' will begin.
- Information about the printer's current state will be printed.
- After 5 seconds without releasing the FEED button, the printer will enter 'Setting mode'.
- The following properties available to be set will be printed:

*** Setting Mode ***

Interface : Serial

- Step by Step
- Serial Baudrate
- Serial Handshaking
- Error Sound
- Density
- Auto Cut
- Auto Cut Mode
- Code Page

※ The following table shows the available options for each property in 'Setting mode'.

No	Function	Button count	Setting	Default
1	Step by Step		Set in order	
2	Serial Baudrate	1	2400 BPS	9600 BPS
		2	4800 BPS	
		3	9600 BPS	
		4	19200 BPS	
		5	38400 BPS	
		6	57600 BPS	
		7	115200 BPS	

No	Function	Button count	Setting	Default
3	Serial Handshaking	1	DTR/DSR	DTR/DSR
		2	Xon/Xoff	
4	Error Sound	1	No Sound	No Sound
		2	Internal Buzzer	
		3	External Buzzer	
		5	High Speed	
5	Density	1	Low power	Low power
		2	Normal	
		3	Slightly	
		4	Dark	
		5	High Speed	
6	Auto Cut	1	Install	Install
		2	Disable	
7	Auto Cut Mode	1	Soft select	Soft select
		2	Full cut only	

For example,

To set the 'Serial baudrate' to 38,400bps:

- While in 'Setting mode', press the FEED button twice(2), as displayed on the print out, to enter the 'Serial baudrate' submenu.
- After 2 seconds, the following options will be printed:

Serial Baudrate :

- 2400bps
- 4800bps
- 9600bps
- 19200bps
- 38400bps
- 57600bps
- 115200bps

- Find the option that you wish to change the property to, in this instance '5 - 38400bps', and press the FEED button the corresponding number of times (i.e. five times).
- After 2 seconds, the new settings will be printed. in this instance:

Baudrate : 38400bps

※ To make any other changes to the printer's properties, please follow the method above.

Language setting

To select the desired language, press the FEED button the corresponding number of times.

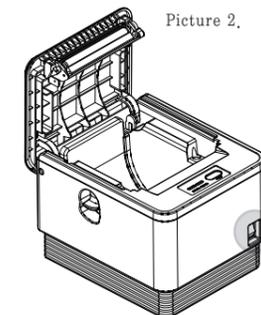
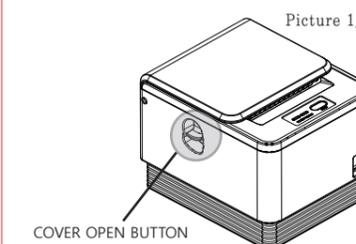
	Button count	CODE PAGE	LANGUAGE
Page 1		Next Code Page	
	1	CP-437	USA. Standard Europe
	2	CP-850	Portuguese
	3	CP-863	Canadian-French
	4	CP-865	Nordic
	5	CP-1252	Latin I
	6	CP-866	Cyrillic Russian
	7	CP-855	Cyrillic
	8	CP-775	Baltic

	Button count	CODE PAGE	LANGUAGE
Page 2		Next Code Page	
	1	CP-852	Latin II
	2	CP-858	Euro
	3	Thai-42	Thailand character
	4	Thai-11	
	5	Thai-14	
	6	Thai-16	
	7	Thai-18	
	8	CP-874	

	Button count	CODE PAGE	LANGUAGE
Page 3		Next Code Page	
	1	CP-737	Greek
	2	CP-855	Turkish
	3	CP-857	Turkish
	4	CP-861	Icelandic
	5	CP-862	Hebrew
	6	CP-864	Arabic
	7	CP-869	Greek II
	8	CP-932	Japanese Shift-JIS

	Button count	CODE PAGE	LANGUAGE
Page 4		Next Code Page	
	1	CP-1251	Cyrillic
	2	CP-1253	Greek
	3	CP-1254	Turkish
	4	CP-1255	Hebrew
	5	CP-1256	Arabic
	6	CP-1257	Baltic
	7	CP-1258	Vietnam
	8	CP-950	Traditional Chinese BIG 5
	9	CP-936	Simplified Chinese GBK
	10	CP-949	Korean

Paper-jam



- In the event of a paper-jam, immediately stop printing.
- Open the top cover by pressing down on the 'COVER OPEN BUTTON' shown above.
- By opening the cover, the paper jam will be automatically resolved.
- If the paper jam is not correct by this method, please contact your dealer.