

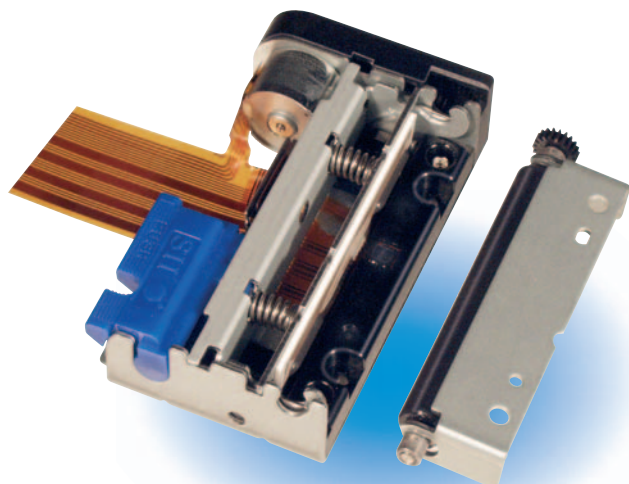
LTP Series

LTPC235 / LTPC245 PRINTERS

LTPC235 and LTPC245 are two models of a new line of thermal line dot printer. They feature easy paper operation function, high speed printing and a compact and rugged metal housing. They are especially designed for EFT-POS, handheld and other battery driven applications.

The easy loading system offers a latch function which guarantees a fixed platen position during printing and paper feeding. By pushing the release lever the platen can be completely released and then firmly re-adjusted to evenly press the paper to the thermal head. The metal frame on the platen ensures a comfortable mounting on the outer case.

The two models offer either a resolution of 6dot/mm (LTPC235) or 8dot/mm (LTPC245) according to the printing resolution requirements of the various applications.



LTPC235

- Two resolutions available (LTPC235 with 6dots/mm, LTPC245 with 8dots/mm)
- High speed, low voltage printing (LTPC235: 60mm/s max., LTPC245: 65mm/s max.)
- Battery operation of 4 to 6 cells Ni-MH / Ni-Cd batteries or 2 cells of lithium-ion batteries for hand-held applications
- Easy operability of paper installation and head cleaning by release lever operation
- Compact and lightweight
- Low noise thermal line dot printing
- Design to fit easily into the outer case (reduced number of outer case parts)

Model		LTPC235	LTPC245
Printing	Method	Thermal dot line system	
	No. of dots/line	288	384
	Resolution	6 dots/mm	8 dots/mm
	Width (mm)	48	
	Paper feed pitch (mm)	0.083	0.125
	Speed (mm/s) ¹	60 (max.)	65 (max.)
Detection	Head temperature	By thermistor	
	Platen position detection	By mechanical switch	
	Out-of-paper detection	By photo interruptor	
Dimensions (WxDxH)		69.8 x 40.0 x 16.0 (excluding convex parts)	
Weight (g)		75	
Power Supply	Operating voltage	Vdd line: 4.75V to 5.25V; Vp line: 5.0V to 8.0V	
	Current consumption (average)	2.8A @ 5V ² , 4.4A @ 8V ²	2.6A @ 5V ² , 4.1A @ 8V ²
	Current consumption (maximum)	2.9A @ 5V ² , 4.6A @ 8V ²	2.7A @ 5V ² , 4.3A @ 8V ²
Service life	Pulse activation (print rate: 12.5%)	min. 50 million pulses	min. 100 million pulses
	Abrasion resistance	50 km or more	
Operating temperature (°C)		0 to 50	
Storage temperature (°C)		-20 to 60	
Paper	Width (mm)	58 +0/-1	
	Path	Curve	
	Paper feed force	0.49N (50gf) or more	
	Paper hold force	0.78N (80gf) or more	

¹ The maximum printing speed varies according to the processing of the controller and printing pulse width.

² When the number of simultaneously activated dots is specified as 144.

³ When the number of simultaneously activated dots is specified as 96.