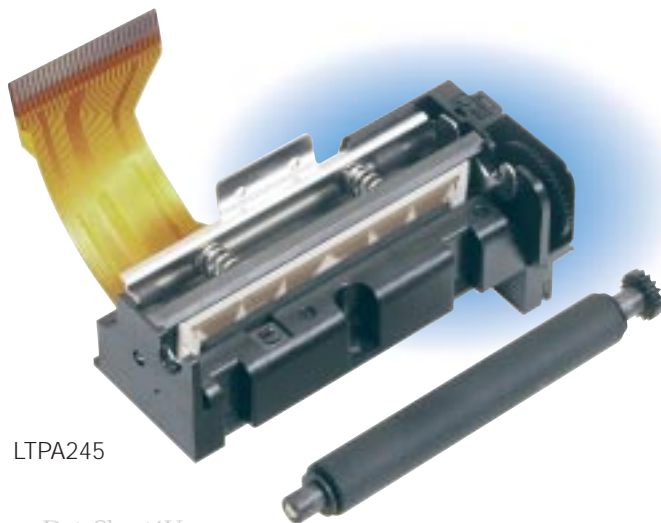


LTP Series

LTPA245 PRINTER

LTPA245 is a new "Easy-Paper-Operation" thermal line dot printer which has been developed by Seiko Instruments especially to match the specific requirements of ECR and EFT-POS applications. As it can alternatively be driven by battery, it perfectly suits the needs of a large variety of handheld terminals, too. Distinguished in terms of compact and lightweight design – such as the instalment of the release lever on top or front and the motor underneath the frame – and a printing speed of max. 90mm/sec @ 8.5V, LTPA245 is a valuable addition to the portfolio of "Easy-Paper-Operation" – mechanisms. Finally, only one connector is needed to drive both motor and head of the printer and thus incorporates cost-saving and advantageous design-in aspects.



LTPA245

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- High resolution printing (8 dots/mm)
- High speed, low voltage printing (53.4mm/s @ 5V, 77mm/s @ 7.2V, 90mm/s @ 8.5V)
- Compact and lightweight (41g):
Lever on top or front, motor underneath
- Battery operation of 4 to 6 cells Ni-MH / Ni-Cd batteries or 2 cells of lithium-ion batteries for hand-held applications
- Low 4.5V to 8.5V power supply operation
- Improved operability of paper installation and head cleaning by release lever operation
- Low noise thermal line dot printing
- Design to fit easily into the outer case (reduced number of outer case parts)

Model		LTPA245A-384
Printing	Method	Thermal line dot printing
	Number of dots/line	384 dots
	Resolution (mm)	8 dots
	Paper feed pitch (mm)	0.0625
	Width (mm)	48
	Speed (mm/s)	53.4 @ 5.0V, 77 @ 7.2V, 90 @ 8.5V
Detection	Head temperature	By thermistor
	Out-of-Paper detection	By photo interrupter
Dimensions (WxDXH) mm ¹		69.2 x 28.3 x 31.7
Weight (g) ²		41
Power Supply	Operating voltage	Vdd line: 2.7V to 5.25V; Vp line: 4.5V to 8.5V
	Current consumption ³	1,53A max.@5V, 2.2A max.@7.2V, 2.6A max.@8.5V
Service Life	Pulse activation	100 million pulses or more (12,5% print ratio)
	Abrasion resistance	50 km or more
Operating temperature (°C)		0 to +50
Storage temperature (°C)		-25 to +70
Paper	Width (mm)	58 0-1
	Paper feed force	0.49 N (50gf) or more
	Paper hold force	0.78 N (80gf) or more
	Thickness	65 µm

¹ Excluding lever of lock arm and platen block

² Including all parts

³ When the number of simultaneously activated dots in the head is specified as 64