

LP400 Series

OKI®



The ultimate mobile printing solutions

LP400 Series printers from OKI: Faster print speeds, higher resolution, more standard features than any portable label printer in their class.

The LP400 Series printers from OKI: they go wherever you go.

LP400 Series printers are the ideal solution for portable printing applications. Their compact size, light weight and rugged design make them ideal for on-demand labels and receipts.

These thermal direct printers are designed to be simple – to transport, load, use and maintain. Models weigh as little as 0.9 lb. (405 g).¹ Their tops flip open and a roll of media drops in. Operation requires no special training. And their rugged polycarbonate cases are also anti-bacterial, an important consideration for multiple users, as well as strict healthcare applications.

Ideal for a wide range of applications – The high print resolutions of LP400 printers – available in 203 dpi and 305 dpi configurations – ensure easy readability on all media. The 305 dpi resolution of the LP480 is especially appropriate for small barcode applications, such as test tube labels, surgical Instrument and finished goods tagging, direct part marking, and patient ID bracelets with images.

All models in the LP400 Series are at home in most popular Windows® environments. They come with IrDA and RS232-C serial connectivity standard. (High-speed USB 2.0 is available with LP470/LP480 models.) There's also a choice of Bluetooth® or 802.11b/g wireless protocols.

Superior media flexibility – LP400 Series printers are among the first products in the industry to come with both peel & present and linerless material-handling capabilities standard.

Unmatched customer support – All LP400 Series printers come with an industry-leading 1-year limited warranty with Overnight Exchange.²

If you need technical assistance, you can always speak to a live OKI Printing Solutions expert located in North America by calling, toll free, 800-OKI-DATA (800-654-3282) at any time.²

The LP400 Series from OKI: the ultimate in mobility and performance.

Highlights

- Direct thermal 2" and 4" label/receipt printers
- 4 ips print speed³ – fastest in class
- Up to 305 dpi resolution⁴ – highest in class
- Light-weight, tough polycarbonate body – easy mobility and long-lasting reliability
- Powerful and energy-efficient CPUs offer instantaneous label/receipt printing
- Available with Bluetooth® or 802.11b/g wireless connectivity; easy-read LCD display⁵
- High-capacity battery extends operation time
- Easy media loading; large media capacity
- Linerless media printing capability
- Font and logo download utilities included
- Anti-bacterial casing
- 1-Year Overnight Exchange warranty²
- Live, toll-free technical support 24/7/365²

¹ LP441 models. LP470 and LP480 models weigh 2.1 lb. (906 g).

² Available in the U.S. and Canada only.

³ Published performance results based on laboratory testing. Individual results may vary.

⁴ LP480 models only.

⁵ Available with wireless models only.



LP400 Series

Specifications		
Technology	Printing Method	Direct Thermal
	Resolution	LP441/LP470: 203 dpi (8 dots per mm); LP480: 305 dpi (12 dots per mm)
	Processor	32-bit RISC
	Sensor Type	All models: Reflective sensor for use with pre-printed marks; LP441: See-through sensor for die-cut label with gap; Dispenser sensor
Interfaces	Standard	All models: RS232-C Serial; IrDA (v1.2, Protocols – Standard Protocol, IrCOMM); LP470/LP480 only: USB v2.0
	Optional	Bluetooth® v1.1; 802.11b/g Wireless LAN
Operational Features	Firmware	Auto Power Save – printer enters sleep mode when idle 5 seconds; powers off automatically when idle another 5 minutes (programmable) ¹
	Self Diagnosis Tools	Print head check; Battery balance check; Paper end; Cover open; Test print; Over charge/Discharge protection
	Utilities	Font Download; Logo Download; Configurator; Driver Install/Uninstall
Fonts	Resident	All models: XB, XL, XM, XS, XU, POP, OCR-A and OCR-B LP470/LP480 only: CG Times and Triumvirate
Barcodes	Linear	EAN8/13, UPC-A/E, UCC/EAN-128, Interleaved 2 of 5, CODE 39, CODE 128, CODE 93, RSS-14, POSTNET, NW-7
	2-Dimensional	Data Matrix, PDF417, MAXI Code, Composite Symbology, QR Code
Paper Handling	Print Speed	Max. up to 4 ips (103 mm/s) at 16% printing coverage; default print speed – 3 ips (75 mm/s) ²
	Max Print Area (WxL)	LP441: 1.89" x 6.3" (48 mm x 160 mm); LP470/LP480: 4.0" x 11.7" (104 mm x 297 mm)
Media	Type	Roll die-cut label with gap or pre-printed label; Coreless/linerless media
	Width	LP441: 1.1" – 2.2" (28 mm – 57.5 mm); LP470/LP480: 2.0" – 4.49" (53 mm – 114 mm). Includes backing liner
	Length	LP441: 0.63" – 6.4" (16 mm – 163 mm); LP470/LP480: 1.1" – 11.8" (28 mm – 300 mm). Includes backing liner
	Thickness	0.003" ~ 0.007" (0.064 mm ~ 0.19 mm)
	Outer Diameter	2.63" (67 mm)
	Inner Diameter	Standard labels LP441: 0.75" (19 mm); LP470/LP480: 0.75" or 1.0" (19 mm or 25 mm) Coreless for receipt paper 0.31" (8 mm); LP470/LP480: 0.4" (10 mm) Linerless paper LP470/LP480 only: 0.75" (19 mm)
Operating Characteristics	Battery (Lithium Ion)	LP441: 7.4 V (2400mAh); LP470/LP480: 14.8 V (1700mAh)
	Regulatory Approvals	FCC Class A, UL, CE, TÜV, GSA. LP470/LP480: CSA, CCC, FCC Class B & C
Environmental	Size (WxDxH)	LP441: 3.5" x 5.03" x 2.9" (88 mm x 128 mm x 73 mm) LP470/LP480: 6.7" x 3.0" x 5.3" (170 mm x 76 mm x 134 mm)
	Weight (with battery)	LP441: 0.9 lb. (405 g); LP470/LP480: 1.65 lb. (750 g)
	Operating Temperature	5° F – 122° F (-15° C – 50° C) ³
	Storage Temperature	-13° F – 140° F (-25° C – 60° C)
	Relative Humidity	All models: Operating and Storage 20% – 80% RH, non-condensing
Warranty	Standard	1-Year limited warranty with Overnight Exchange ⁴

Ordering Information	
(Batteries included. Charging options and programming cable sold separately.)	
Description	Part Numbers
LP441s (Standard) Universal	62306301
LP441b (Bluetooth) Universal	62306302
LP441w (Wireless) Universal	62306303
LP470s (Standard) Universal	62306401
LP470b (Bluetooth) Universal	62306402
LP470w (Wireless) Universal	62306403
LP480s (Standard) Universal	62306501
LP480b (Bluetooth) Universal	62306502
LP480w (Wireless) Universal	62306503
Options	
LP441 Replacement Battery	70061401
LP470/LP480 Replacement Battery	70061402
LP441 Weather-resistant Shoulder Case	70061202
LP470/LP480 Weather-resistant Shoulder Case	70061205
LP441 Holster/Waist Case	70061203
LP470/LP480 Holster/Waist Case	70061206
LP441 1-Touch Swivel Belt Hook	70061204
Shoulder Strap (all models ⁵)	70061201
Serial Programming Cable	70061101
Charging Options	
LP441 AC Adapter	70061301
LP470/LP480 AC Adapter	70061302
LP441 Single-Slot Battery Charger	70061403
LP470/LP480 Single-Slot Battery Charger	70061404
LP441 5-Slot Battery Charger	70061405
Direct Thermal Labels (36 rolls per case)	
2" x 1" Labels (all models)	52210001
2" x 2" Labels (all models)	52210002
2" x 3" Labels (all models)	52210003
2" x 4" Labels (all models)	52210004
4" x 2" Labels (LP470/LP480 only)	52210005
4" x 4" Labels (LP470/LP480 only)	52210006
4" x 6" Labels (LP470/LP480 only)	52210007

To order or for more information on this OKI printer, including warranty, labels, ribbons, spare parts, service and support, contact your OKI representative. Call, toll-free, **800.OKI.DATA** (800.654.3282).⁴ Or visit our Web site: www.okiprintingsolutions.com

For custom labels, please go to: www.okiprintingsolutions.com/labelform

Specifications are subject to change without notice.

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¹ Disabled for Bluetooth and wireless LAN configurations.

² Published performance results based on laboratory testing. Individual results may vary.

³ Wireless LAN model: 32° F – 122° F (0° C – 50° C).

⁴ Available in the U.S. and Canada only.

⁵ Standard on LP470/LP480.



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