

Black and White Printer

# SP 450DN

Printer

**RICOH**  
imagine. change.



Paper size

A4

Printer

40 Black & White  
ppm

# The perfect, compact solution for challenging needs.

You demand high-quality in everything you do. The SP 450DN black and white A4 device will meet your business needs, enhance productivity, help you monitor print usage – and so much more. Its 40ppm output at 1,200 x 1,200 dpi is only the start of its capabilities, and it features a range of technology in a small footprint that's designed to be durable, flexible and reliable. And its 600,000 lifetime prints mean you can meet high-demand with first-class output, all with a lower up-front cost.

- Offers Streamline NX support, a suite of integrated, scalable document management applications and tools
- Supports mobile printing via AirPrint or Smart Device Print&Scan application
- Handles standard office paper and thick paper types via any tray
- ECO friendly, low power consumption through Smart LED technology
- User-friendly with easy-to-read 4-line LED display panel



# More options. More capabilities.

## Compact, yet full of functionality.

Our technology is designed to make every function you need easily accessible. And we've designed this device with your goals in mind. The 4 line LED display panel gives you clear instructions and visual prompts, so you can focus on the task in-hand, and just get the job done.



## Seamless mobile printing is here.

You can print images, documents and more using the Ricoh Smart Device Print&Scan app from your Apple iPhone, iPad and Android Smart Devices. All you need to do is download the app and be on the same network. Or if you're on iOS, you can print without installing the app too. It's really that simple.



## Small footprint. Quality output.

Thanks to its LED print-head, this machine is more compact than devices with traditional laser technology. You can put it in a corner, or on a desk of your company or home office and it will take up minimal space. It can print on both thin and thick paper types, and print from any tray. Low-power consumption means your costs can be lower and it's ECO friendly too.



## Optimise your workflow with Streamline NX.

This device can also work with Streamline NX, a powerful suite of scalable, integrated document management applications and tools. The combination of our hardware and software can help you realise operational cost savings and also help you support security, compliance and sustainability objectives.



# SP 450DN

## MAIN SPECIFICATIONS

### GENERAL

Technology:	LED
Warm-up time:	17 seconds
First output speed:	5 seconds
Print speed:	40 pages per minute
CPU:	RM7035C-533L 533MHz
Memory:	Standard: 512 MB Maximum: 1,024 MB
HDD:	320 GB (Encryption/Data Overwrite Security unit)
Duty cycle:	150,000 prints per month
Duplex:	Yes
Dimensions (W x D x H):	370 x 392 x 306 mm
Weight:	15.6 kg
Power source:	220 - 240 V, 50/60 Hz

### PRINTER

Printer language:	Standard: PCL5e, PCL6, Adobe® PostScript® 3™, PDF Direct from Adobe®, Mediaprint (JPEG/TIFF) Option
Print resolution:	1,200 x 1,200 dpi
Fonts:	PCL (45 fonts, International fonts: 13 Intellifonts), PS3 (136 fonts)
Interface:	Standard: USB 2.0, SD slot, USB Host I/F, Gigabit Ethernet Option: Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/b/g/n)
Network protocol:	TCP/IP, IPX/SPX (option)
Windows® environments:	Windows® Vista, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10, Windows® Server 2003, Windows® Server 2008, Windows® Server 2012
Mac OS environments:	Macintosh OS X v10.5 or later
UNIX environments:	UNIX Sun® Solaris: 2.9, 2.10 HP-UX: 11.x, 11i v2, 11i v3 SCO OpenServer: 5.0.7, 6.0 RedHat® Linux Enterprise: 4, 5, 6 IBM® AIX: 5L v5.3, 5L v6.1, 5L v7.1

### PAPER HANDLING

Recommended paper size:	A4, A5, A6, B5, B6
Paper input capacity:	Standard: 600 sheets Maximum: 1,600 sheets
Paper output capacity:	Maximum: 250 sheets
Paper weight:	Paper tray(s): 52 - 162 g/m <sup>2</sup>
Media capability:	Plain paper, Thick paper, Recycled paper, Colour paper, Letterhead, Pre-printed paper, Thin paper, Special paper, Envelopes

### ECOLOGY

Power consumption:	Maximum: 1,100 W Sleep mode: Less than 0.58 W TEC (Typical Electricity Consumption): 1.74 kWh
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### OPTIONS

1 x 250-sheet paper tray, 2 x 250-sheet paper tray, 1 x 500-sheet paper tray, 2 x 500-sheet paper tray, Medium cabinet, High cabinet, Hard Disk Drive (320 GB), RAM (1,024 MB), Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/b/g/n), VM Card, Netware

### CONSUMABLES

Starter toner:	Black: 3,000 prints
PCU yield:	Black: 20,000 prints
Toner cartridge (regular yield):	Black: 2,500 prints
Toner cartridge (high yield):	Black: 5,000 prints
Toner cartridge (ultra high yield):	Black: 10,000 prints
Consumable yield measuring method	ISO/IEC 19752

For availability of models, options and software, please consult your local supplier.

ISO9001 certified, ISO14001 certified, ISO27001 certified

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