RICOH

Reach New Heights
of Print Quality & Economy

Priport™DX 4542

Outstanding Results that Set New Standards for Cost Effective Printing

We know that internal and external documents in public services such as healthcare, fire, police and education are highly visible and receive constant attention. The Priport™DX 4542 has been designed to fulfil this challenge by delivering the highest quality with the best possible economy. The DX 4542's revolutionary high quality system takes imaging to new levels whilst being amazingly efficient at reducing operational costs. It puts affordable printing with outstanding quality at your service, wherever and whenever you need it. Superb reliability, easy to use spot colour capability and effortless handling of a wide range of paper, up to A3 in size, mean you can always print exactly the documents you need, at a rapid 120 prints per minute (ppm). Simple to operate, with the option of printing direct from a PC, the DX 4542 will boost document productivity for all your internal and external document needs. Now public services everywhere can satisfy their need to produce professional looking documents cost effectively.

Save Time and Improve Productivity

Everyone will save time with the two simple to change consumables and easy swap optional colour drum units. The user friendly LCD control panel gives instant access to all functions and adding paper and removing prints is simplicity itself, so virtually anyone can operate the DX 4542. Combined with an impressive speed of 120 prints per minute (ppm), it boosts productivity by making it easy to rapidly produce your volume documents.

120

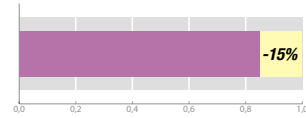Prints per minute

Outstanding Software and Services

Complementing the DX 4542, Ricoh offers a superb range of software solutions and services, which are designed to add value and ensure that our devices continue to operate seamlessly and reliably. Covering all aspects of your business, including document management, network control, consultancy, training and unrivalled support, these innovative products and services offer a tailor made solution to improve productivity, workflow efficiency and cost control throughout your organisation.

Exceptionally Economical

The DX 4542 gives you superb quality and versatility that is surprisingly economical to use. The advanced high quality system delivers precise, ultra-fine printing that both enhances image quality and reduces Total Cost of Ownership. For everyday printing, there is an Economy mode that reduces ink costs by up to 15%, and a 2-up format that saves time and paper by allowing you to assemble separate pages into single documents, like exam papers. The DX 4542's built-in user codes allocate charges to internal and external users, making cost recovery easy. It's all designed to ensure the highest quality printing and administration, with the power to lower the cost per page and ensure overall cost efficiency.

2-up format

-15%

| 0,0 | 0,2 | 0,4 | 0,6 | 0,8 | 1,0 |

**Reduce your ink costs
with Economy mode**

Superb, Consistent Quality in any Environment

You can rely on the Priport™DX 4542 to deliver high image quality time after time. Crisp, flawless text, smooth half tones, photographic images and superior solid fills mark a true revolution in print quality. Ricoh's innovative high quality system, combines advanced master and ink technology with automatic pressure control, to balance ink density on every page, however challenging the operating conditions. Quality and accuracy can be further enhanced with direct digital imaging of the master from a PC using the optional print controller.

Drum

Master

Paper

Press roller

Depending on the print speed, temperature and humidity, the press roller's pressure level is automatically adjusted to guarantee an equally high print quality on every page.

True Versatility to Handle Volume Projects

Public services everywhere will find the DX 4542 can handle just about every kind of single sheet document printing task. Events, registrations and mailings are easy with the DX 4542's ability to rapidly print large quantities of tickets, labels, cards, coupons and envelopes on both standard sheets and pre-cut templates. You can easily add the impact of spot colour via the optional colour drum units and print on a wide range of papers to suit almost any project, including posters up to A3 size.

A3

Kinder to the Environment

The DX 4542 offers clean and quiet operation. The DX 4542 also complies with and even exceeds EU environmental legislation*, which means the product does not contain lead, chromium, cadmium or even PVC.

* In compliance with EU RoHS directive (RoHS: Restriction of Hazardous Substances, effective from July 2006).

Priport™ DX 4542

Specifications

GENERAL

Type:	Digital, desktop	
Printing process:	Press roller system, full automatic one drum	
Originals:	Sheets/books	
Original size:	Platen glass:	Maximum: 300 x 432 mm
	ADF:	Minimum: 148 x 210 mm
		Maximum: 297 x 864 mm
Print paper size:	Minimum:	70 x 148 mm
	Maximum:	325 x 447 mm
Print paper weight:	47 - 210 g/m²	
Print area:	Standard:	290 x 410 mm
	Option:	290 x 410 mm (A3 colour drum)
		290 x 200 mm (A4 black drum)
Print speed:	60 - 120 sheets per minute	
First print speed:	Less than 24 seconds (A4)	
Resolution:	Scanning:	600 x 400 dpi
	Printing:	400 x 400 dpi
Image modes:	Letter, photo, letter/photo (auto separation), pencil	
Image position:	Vertical:	± 15 mm
	Horizontal:	± 10 mm
	Minimum movable unit:	0.5 mm
Reproduction ratios:	Pre-set enlargement:	115, 122, 141%
	Pre-set reduction:	71, 82, 87, 93%
Zoom:	50 - 200% (in 1% steps)	
Colour printing:	By replacing colour drum	
Paper feed/delivery table capacity:	1,000 sheets (80 g/m²)	
Power source:	220 - 240 V, 50/60 Hz	
Power consumption:	Maximum:	Master making: 270 W
	Printing:	240 W (at 120 sheets per minute)
	Energy saver mode:	7 W
Dimensions (W x D x H):	With platen cover:	1,370 x 705 x 1,035 mm
	With ADF:	1,370 x 705 x 1,135 mm
Weight:	With platen cover:	87 kg
	With ADF:	95 kg

ADDED VALUE FEATURES

Combine two originals, repeat, quality start, skip feed, margin erase, auto cycle, user code, programme mode, class/memory mode, economy mode, security mode, tint mode, energy saver mode, spot colour printing with optional colour drum units

OPTIONS

- Printer Controller VC-20
- Interface Kit type 45
- Platen cover
- 50-sheet Auto Document Feeder
- Colour drum type 45R (L) (A3 print area)
- Black drum type 45R (S) (A4 print area)
- Tape dispenser
- Cabinet

CONSUMABLES

- PRIPORT™ master type HQ40L (200 A3 masters/roll)
- PRIPORT™ black ink type HQ40 (600 ml)
- PRIPORT™ colour inks type VI (600 ml): red, blue, brown, green, navy, purple, grey, yellow, teal, maroon, orange
- CM ink (custom made colours, 500 ml)
- Tape dispenser tape

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.

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For more information, please contact:

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