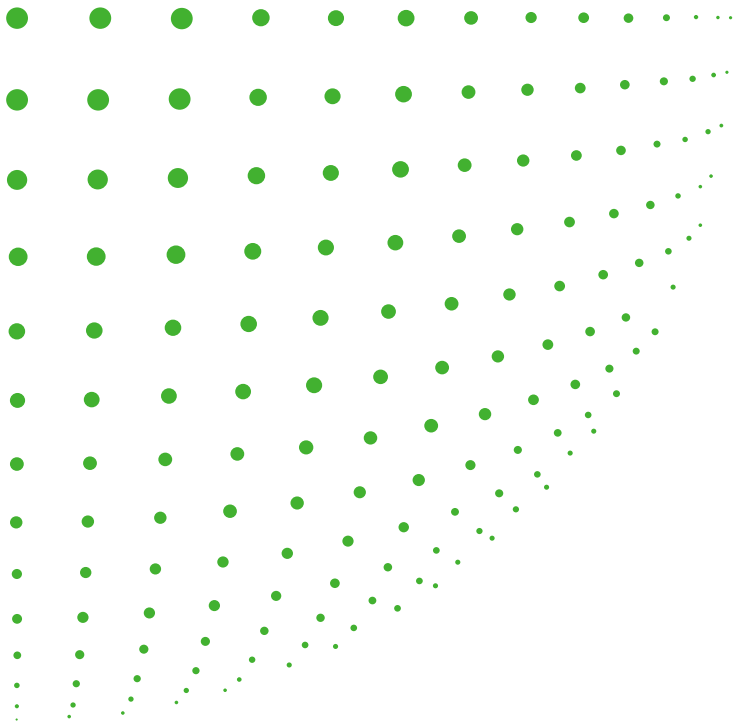


Fast and cost-efficient quality printing



Affordable quality for mid-range workflows

With the Priort™DX 4545, digital duplication reaches a new level of sophistication. This device is easily embedded in your network and offers new possibilities to track your print costs. Uniquely designed masters, special inks and print pressure control guarantee excellent image quality. Discover how the DX 4545 combines cost-efficiency with superior functions and print results.

- High performance.
- Optional network controller.
- Cost-accounting option.
- New spot colours.
- Extended language selection.



Excellent value



NETWORKING

Integrate your digital duplicator in your LAN network for a smoother workflow. The DX 4545 can be upgraded with an RPCS™ network controller option. Network services include Web Image Monitor, SmartDeviceMonitor and DeskTopBinder. You can now monitor print jobs and settings, not just of your duplicator, but of several printers.



CONTROL YOUR COSTS

Keep track of your print expenses. The DX 4545 can run @Remote to manage and optimise your workflow. With this programme, you easily keep an eye on your entire printer fleet. @Remote also reads meters automatically, allowing you to assess your consumption pattern accurately.



SAVE PRODUCTION TIME

Speed, reliability and continuity: you ask, and the DX 4545 delivers. At up to 120 prints per minute, it produces your documents in the blink of an eye. The system's Retry Paper Feed ensures smooth processing of all paper types. Paper and colour drum are easy to replace. Your print service is always up and running.



PREMIUM PERFORMANCE

- Robust engine with duty cycle of up to 600,000 prints per month.
- Accepts paper sizes up to A3, as well as media like envelopes and cards.
- Eminently durable HQ masters last as long as 4,000 prints.
- Excellent paper alignment with buffer fins on the DX 4545's side fences.

HIGH-CLASS IMAGE QUALITY

With Ricoh's patented HQ (High Quality) system and specially developed HQ inks, digital duplication attains an unrivalled quality. Smooth half-tones and solid fills are the DX 4545's trademarks. The device's new Fine Mode allows the making of 400 x 600 dpi masters, and its scanner attains a resolution of 600 x 600 dpi.



WE THINK GREEN, DO YOU?

Digital duplication does not require heat, and therefore uses much less electricity than other printer types. This significantly lowers your energy bill – and it is kind to the environment too. At the same time, the DX 4545's operation is remarkably quiet. You can easily place it near you in an office or other work environment.

COST-EFFICIENT OPERATION

Printing with the DX 4545 is financially beneficial because:

- The more prints you make with one master, the lower the cost of those prints.
- The auto-shutoff function results in a reduction of energy use.
- Ricoh's HQ duplication system consumes 20% less ink than conventional processes.



Priort™ DX 4545

GENERAL

Type:	Digital, desktop
Printing process:	Press roller system, fully automatic one-drum system
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
Paper weight:	47.1 - 209.3 g/m ²
Print area:	A3 Drum: 290 mm x 410 mm A4 Drum: 290 mm x 200 mm
Print speed:	60 - 120 sheets per minute
First print speed:	Less than 24 seconds (A4)
Resolution:	Master-making: 400 x 600 dpi Scanning: 600 x 600 dpi
Image modes:	Letter, photo, letter/photo auto separation, pencil (tint mode independently available)
Image position:	Vertical: ± 15 mm Horizontal: ± 10 mm Minimum movable unit: 0.5 mm
Reproduction ratio:	100%, 4 reduction and 3 enlargement
Zoom:	50 - 200% (in 1% steps)
Colour printing:	By replacing colour drum
Paper feed/delivery table capacity:	1,000 sheets (80 g/m ²)
Power source:	220 - 240 V, 50 - 60 Hz
Power consumption:	Maximum: Master-making: 245 W Printing: 250 W (at 120 sheets per minute) Energy saver mode: 9 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:	Mainframe: 87 kg With ADF: 97 kg

ADDED VALUE FEATURES

Auto background correction, auto paper size detection, auto rotation, margin erase, auto cycle, skip feed, economy (ink-saving) mode, security mode, tint mode, SP mode, combine two originals, repeat (single original), quality start, energy saver mode, user code, class/memory mode, program mode, spot colour printing with optional colour drum units.

OPTIONS

Network controller Printer Unit Type 4545
Professional software solutions
50-sheet Auto Document Feeder
Tape dispenser
Platen cover
Colour drum A3
Black drum A4
Cabinet

CONSUMABLES

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

Ricoh has designed this product to meet EC ENERGY STAR guidelines for energy efficiency.

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

RICOH

ISO9001: 2000 certified ISO14001 certified

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