

Priort™

DD 4450

Digital Duplicator



Alansar
Digital Copiers

RICOH
imagine. change.



DD 4450



B/W

High-quality digital duplication

The DD 4450 A3 B/W digital duplicator is a robust mid-range model offering excellent performance at an affordable cost. Running at a fast print speed of up to 130 cpm, and offering high-quality image duplication, the DD 4450 is equipped with a user-friendly operation panel, an integrated network controller, @Remote capabilities, and innovative features to ensure smooth paper transfer. It is particularly suitable for educational institutions, government offices and NGOs.

- Fast print speed: 60-130 ppm.
- User-friendly operation panel.
- Optional network controller & @Remote capability.
- Enhanced security functions.
- Environmentally friendly.



Nice and easy

Everything you need for digital duplication



Perfect image quality

Unbeatable HQ System: evenly percolated ink, sharp master holes, an additional porous layer, and a thicker film. Outstanding image quality through the optimal combination of the HQ master, HQ ink and auto print pressure control. The additional porous layer thickens the master material, making it smooth, soft and strong for envelope edges and card stocks. The HQ System's evenly percolated ink and sharp master holes cut ink consumption by 20%.



Fine mode: 400 x 600 dpi

Select fine mode on the operation panel to make your master in high-quality 400 x 600 dpi resolution. This is ideal for photo images and important documents, which will look far superior to those obtained with conventional 300 x 600 dpi digital duplicators.



Easy to operate

A helpful new feature of the operation panel is a single button for printing and master-making. Combining two buttons into one reduces the chance of making a mistake. The LED display clearly indicates the print status.

Reliable productivity



Continuous output quality

Innovative new print pressure sensors on the press roller sense print speed, temperature and humidity. The optimal print pressure is then automatically selected depending on the conditions for consistent image quality. This results in even and solid print images from the first print, in any conditions.

Reliable paper feed

The paper delivery tray ensures optimal paper alignment. Buffer fins on the side fences prevent paper from falling down, reducing set-off. The innovative retry paper feed mechanism ensures reliable paper feed even when thin or irregularly sized paper is used. It thus enables you to reduce cost by using inexpensive paper without any feed problems.



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Get connected, stay secure



Network controller

The optional Network Controller makes the DD 4450 ideal for government offices, schools and corporations where a LAN environment is well established. It also allows you to seamlessly connect the device with Ricoh network utilities such as Web Image Monitor and Smart Device Monitor.

@Remote capabilities

Services include utilisation reporting, auto meter reading and fleet reporting. Utilisation reporting leads to an optimal device layout, improved workflow, fleet optimisation and reduced running costs. Auto meter reading reduces time and labour costs normally spent retrieving figures from the meters manually.



Enhanced security

A user tool access lock prevents settings from being changed without the administrator's permission. Access is controlled by a password created by the administrator. This facility is especially useful in educational establishments, for example when exam questions are being duplicated.



Part of a bigger, greener picture

Integrated total solutions

The DD 4450 is one of the latest additions to Ricoh's advanced range of digital office equipment. Ricoh currently manufactures one of the most extensive line-ups of duplicators, printers, copiers, faxes and multifunctional devices, as well as advanced software solutions.



A full range of duplicators

Ricoh's award-winning digital duplicators offer a variety of features and publishing conveniences including colour capabilities and computer connectivity. They offer an impressive level of service to businesses, schools, or any organisations where long print runs are routine.

Environmentally friendly

At Ricoh we help you lower the environmental impact of your office as well as lower your cost. With the DD 4450, reduce your power consumption by Auto Shut-off or Energy Saver. With Auto Shut-off, the machine will be completely shut down after a certain period of time. In Energy Saver mode the machine's settings are set to the most efficient energy consumption.



Everything you need for digital duplication



- 1** User-friendly operation panel
- 2** Optional network controller
- 3** HQ System
- 4** Print pressure sensors
- 5** Paper delivery tray
- 6** Buffer fins
- 7** Retry paper feed mechanism

GENERAL

Configuration:	Desktop
Print speed:	60 - 130 sheets per minute
Dimensions (W x D x H):	Set-up incl. cabinet (platen): 1,370 x 705 x 1,040 mm Set-up incl. cabinet (ADF): 1,370 x 705 x 1,117 mm Set-up excl. cabinet (platen): 1,370 x 705 x 638 mm Set-up excl. cabinet (ADF): 1,370 x 705 x 715 mm
Weight:	Mainframe: 87 kg With ADF: 97 kg
Power source:	220 - 240 V, 50/60 Hz
Duty cycle:	600,000 prints per month
Resolution:	Master making: 400 x 400 dpi, 400 x 600 dpi (Fine mode) Scanning: 600 x 400 dpi, 600 x 600 dpi (Fine mode)
Original type:	Sheet, Book
Original size:	ADF: Minimum (148 x 210 mm), Maximum (297 x 432 mm)
Image position:	Vertical: +/- 15 mm Horizontal: +/- 10 mm
Reproduction ratio:	141%, 122%, 115%, 93%, 87%, 82%, 71%
Zoom:	From 50% to 200% in 1% step
Enhanced features:	Combine, Shift/erase/margining adjustment (Centring, Cornering, Margin adjustment, Erase center, Erase border), Image rotation, Colour printing (By replacing colour drum)
Image mode:	Letter, Photo, Letter/photo auto separation, Pencil
Printing area:	A3 drum: 290 x 410 mm A4 drum: 290 x 200 mm

**PAPER HANDLING**

Paper feed table capacity:	1,000 sheets
Paper delivery table capacity:	1,000 sheets
Paper weight:	80 g/m ²

ECOLOGY

Power consumption:	Maximum: 290 W
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OPTIONS

Platen cover, ADF, Tape dispenser, Cabinet, Network controller, Colour drum, A4 drum

CONSUMABLES

Master:	A3: 200 masters/roll A4/LG: 315 masters/roll
Ink:	Black ink: 600 ml/cartridge Colour ink: 600 ml/cartridge
Tape dispenser tape	

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

ISO9001 certified, ISO14001 certified, ISO27001 certified

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