

At your side.
brother®

MFC-3100C

MFC-3100C

Colour Printer

Colour Fax

Colour Copier

Colour Scanner

Colour



MFC-3100C 5-in-1 Colour Multi-Function Centre

Innovative and versatile business communication.

- Colour Printer
- Colour Fax
- Colour Digital Copier
- Colour Digital Scanner
- PC Fax Sending



Up to 8ppm Colour
Up to 10ppm Mono
Up to 12ppm Fast-draft



Up to 2400 x 1200
Print Resolution



USB/Parallel
Interfaces



4 Separate Ink
Cartridges/
Real Level Ink Sensor



Brother Colour
Enhancement
Technology

At your side.
brother®

MFC

Advanced, sophisticated
Multi-Function

MFC-3100C



The MFC-3100C represents a high quality yet affordable colour Multi-Function Centre ideally suited to any office or home. Whether for personal or business use, the MFC-3100C's five radical machines in one single compact unit will bring intelligent, efficient and easy-to-use technology to all your communications.



MFC-3100C

technology



Features

Colour Printer

Brother Colour Enhancement Technology

With its Brother Colour Enhancement Technology the MFC-3100C provides exceptional print quality. Outstanding colour outputs are no problem with a 2400 x 1200 dpi colour resolution and 1200 x 1200 dpi mono resolution. It's quick too, with a print speed of up to 8 colour pages per minute, up to 10 mono pages per minute and up to 12 mono fast draft pages per minute. If you've got economy in mind, then the MFC-3100C's four separate ink cartridge system eliminates wastage and reduces running costs.

Key Features:

- Speed: Colour up to 8 ppm, Mono up to 10ppm, Mono Fast Draft up to 12 ppm
- Resolution: Colour up to 2400 x 1200 dpi, Mono up to 1200 x 1200 dpi
- 4 Separate Ink Cartridge Systems
- Black Cartridge Yield up to 950 pages*
- Colour Cartridges Yield up to 450 pages*
- Real Level Ink Sensor
- Parallel and USB Interface
- Up to 100 Sheet Paper Capacity**
- 2 MB Memory
- Compatible with: Windows 95®, 98, 98SE, Me, NT®4.0 WS, 2000 Professional and MacOS™ 8.5-9.1

Colour Fax

Efficient, impressive communication

The MFC-3100C is the quick and easy way to send and receive high quality colour documentation directly to and from another colour fax machine, without the use of a PC. This intuitive plain-paper fax also includes Dual Access which allows documents to be loaded into the memory whilst the machine is sending or receiving other faxes.

These documents can then be sent as soon as the line becomes free, hence increasing efficiency.

Key Features:

- Colour Faxing (ITU-T.30E Fax Standard)
- 14.4 k bps Fax Modem
- MH / MR / MMR / JPEG Compression***
- Up to 100 page out of paper reception***
- Up to 20 Page Automatic Document Feeder**
- 40 Speed Dial locations easily accessible using the navigation keys
- Transmission Lock
- Remote Set-up****
- PC Fax Send (Black & White only)

Colour Copier

Superior quality copies

The colour copier facility on the MFC-3100C produces stunning colour copies at up to 1200 x 1200 dpi resolution. And with the MFC-3100C the scaling of documents couldn't be easier – it has the facility to reduce or enlarge a document between 25% and 400% of its original size in either pre-set or 1% increments.

Key Features:

- Speed: Colour up to 4 cpm, Mono up to 7cpm
- 1200 x 1200 dpi Resolution
- Zoom: 25% - 400% in 1% Increments
- Up to 99 Multicopies (Black & White only)

Colour Scanner

Impressive reproduction

The MFC-3100C allows you to reproduce colour images, logos, photos or tables both quickly and easily, thus improving the presentation of any document. And with a scan to e-mail, image and OCR key****, the job is made even quicker – with high quality results achieved by a resolution of up to 2400 dpi (interpolated).

Key Features:

- Resolution: 2400 dpi (interpolated)
- 30 bit Colour Processing
- TWAIN Compliant
- Scan to e-mail, OCR and Image key****
- Works with: Windows 95®, 98, 98SE, Me, NT®4.0WS, 2000 Professional and MacOS™ 8.6-9.1

*Draft mode @ 5% coverage

**At 75 gsm plain paper

***Brother No.1 Chart/MMR/standard resolution

****For Windows® only

MFC-3100C

Technical Specification



General

Engine	Piezo Inkjet
Modern Speed (bps)	14400, 12000, 9600, 7200, 4800, 2400 bps
Transmission Speed	Up to 6 seconds (Brother No.1 Chart/MMR/standard resolution)
ITU-T group compatibility	G3
Data Compression	MH / MR / MMR / JPEG
Input / Output Width	Up to 216 mm
ADF (Automatic Document Feeder)	Up to 20 sheets** can be placed in the document feeder and fed one at a time automatically
LCD Display Size	1 line of 16 characters
On-Screen Programming	Step by step prompts are displayed within the LCD in order to facilitate programming machine options and settings
Backup for clock	Keeps time and date backed up for up to 1 hour
Total Memory Capacity	2 MB (RAM)
Simultaneous Operation	(Print / Fax), (Print / Scan)

Colour Printer

Speed	Up to 10 pages per minute in mono, up to 8 pages per minute in colour at 600 x 150 dpi resolution and up to 12 pages per minute in fast draft mode
Resolution	Up to 1200 x 1200 for Mono printing Up to 2400 x 1200 for Colour printing
Paper Capacity (Sheets)	Up to 100 sheets**
Output Paper Capacity	Up to 50 sheets**
Paper Handling Size	Maximum document size A4
Colour Enhancement	Brother Colour Enhancement Technology

Colour Faxing

Colour Faxing	Sends and receives in colour with other colour compatible fax products using ITU-T.30E colour fax protocol
Automatic Redial	Automatic redialling if the recipient fax is busy.
Speed Dials	40 speed dial locations easily accessible using the navigation keys
Group Dials	Up to 6 speed dial locations can be re-designated as Group Dial lists with multiple speed dial numbers. They are accessible using the navigation keys.
Telephone Index	An electronic, alphabetical listing of stored speed dials and group numbers
Chain Dialling	Allows the user to store parts for long dialling sequences in different speed dial locations
Station ID	This is the stored information that appears on the top of faxed pages.
Fax/Tel Switch	The machine automatically answers every call, incoming faxes are printed or stored to memory, telephone calls will generate a pseudo ring
Distinctive Ring Detection (Telstra® Duet Compatible)	A service purchased from the Telephone Company that allows two or more telephone numbers to share a single fixed line, the function enables the machine to provide a different ring tune for each number.
Ring Volume	2 Steps and off
Super Fine	Enables quality transmission of very small print and line drawings (B&W only)
Grey Scale	256 levels
Contrast	This allows the user to change the contrast between Auto / Light / Dark
Enhanced Remote Activation	Transfer a fax call, answered at an extension phone, to the fax machine
Delayed Timer	The user can use this function to scan a fax into memory and send at a later date to up to 50 different locations
Polling Type	The process of a fax machine calling another fax machine to retrieve waiting fax messages. (B&W only) Polling types are Standard, Secure, Delayed and Sequential
Transmit Lock	This allows the user to prevent unauthorised access to the fax machine.
Quick-Scan (Memory Transmission)	Reduce scanning times by scanning a fax into memory before sending
Memory Transmission	Up to 100 pages (Brother No.1 Chart/MMR/standard resolution)
Out of Paper Reception	Up to 100 pages can be stored in the machine memory when out of paper. (Based on Brother No.1 Chart/MMR/standard resolution)
Broadcasting	Send same fax message to up to 90 separate locations
Manual Broadcasting	Broadcast to a maximum 90 locations using a combination of groups, speed dials and manually dialled numbers
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a single call
Next Fax Reservation	By loading a document in the ADF and entering the dialling location the user can prepare a fax for transmission whilst the machine is already receiving a call
Automatic Reduction	When receiving a single page document between 297mm and 350mm long the fax will automatically reduce the message to fit onto a single A4 sheet
ECM (Error Correction Mode)	Where machines share the ECM feature, errors which may occur during communication are corrected ensuring good quality received documents
Dual Access	Allows the user to scan a fax into memory and give dialling instructions while the machine is either receiving or sending another document. (B&W only)
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number (B&W only)
Remote Access	Allows the user to remotely access their machine by using another touch tone phone

Fax Retrieval

Allows the user to retrieve fax messages using another touch tone machine (B&W only)

Remote Set-up

Allows the user to set-up the MFC from their PC. E.g. quick dials, station ID. (For Windows® only)

Colour Digital Copier

Speed	Up to 7 copies per minute for Mono and up to 4 copies per minute for Colour
Resolution	Maximum 1200 x 1200 dpi
Multi-Copy (Stack)	Using stack, copies of sheets A, B, C will be delivered into the tray in order A, A, B, B, C, C for up to 99 copies (B&W only)
Enlargement / Reduction Ratio	Reduce or Increase document sizes from 25% to 400% in 1% increments
2-in-1 copy	Allows the user to compress 2 pages on to a single A4 sheet (B&W only)

Colour Digital Scanner

Resolution (Optical)	Up to 300 x 600 dpi
Resolution (Interpolated)	Up to 2400 dpi
Speed	Minimum scan time of 5 seconds
Grey Scale	256 shades of grey are available for copying, faxing and scanning
Interface	Parallel and USB connections
Scan to Key	Allows the user to scan to e-mail, OCR and Image. (For Windows® only)
Colour Depth	30 bit colour depth

PC Fax Sending

PC Fax Sending	Available with Brother Software supplied with the MFC-3100C (B&W send only)
----------------	---

List / Report

Journal Report	Lists information about the last 200 incoming and outgoing faxes
TX (Transmission) Verification Report	Reports transmission details after each fax is sent.
Help List	By using the 'Reports' key, the machine prints a list of basic operational steps and functions.
Automatic Dial List	By using the 'Reports' key, a list of names and numbers stored in the speed dial memory can be printed in numerical order.

Interface

External TAD Interface	Interface for connecting external telephone answering devices
Host Interface (IEEE1284)	Parallel cable port
Host Interface (USB)	USB (Universal Serial Bus) cable port

Weights and Measures

Dimensions	With Carton 517 mm (W) x 458 mm (D) x 375 mm (H) Without Carton 426 mm (W) x 342 mm (D) x 217 mm (H)
Weight	With Carton 10.5 kg / Without Carton 6.5 kg
Power Consumption	Minimum: under 6 Watts (With Power Save mode on) Stand-by: under 7 Watts Operating: under 35 Watts
Energy Star Compliant	This MFC is Energy Star Compliant.

Consumables

LC-21BK (Black)	Up to 950 pages @ 600 x 150 dpi resolution 5% coverage
LC-21C (Cyan)	Up to 450 pages @ 600 x 150 dpi resolution 5% coverage
LC-21M (Magenta)	Up to 450 pages @ 600 x 150 dpi resolution 5% coverage
LC-21Y (Yellow)	Up to 450 pages @ 600 x 150 dpi resolution 5% coverage
<p>Failure to use only genuine Brother® supplies may damage the machine and such damages will not be covered under warranty.</p> <p>MFC-3100C uses a long life printhead to eliminate wastage. The print head is a consumable and will need to be replaced after certain level of usage.</p>	

Compatible:	MFC-5100C	PC Fax Send (B&W only)	Twain Driver	Printer Driver	Brother Control Centre	Remote Setup	ScanSoft™ PaperPort®
Microsoft® Windows®							
95	✓	✓	✓	✓	✓	✓	✓
98/98SE	✓	✓	✓	✓	✓	✓	✓
Me	✓	✓	✓	✓	✓	✓	✓
NT®4.0 WS	✓	✓	✓	✓	✓	✓	✓
2000 Professional	✓	✓	✓	✓	✓	✓	✓
Macintosh®							
OS 8.5.1	✓	✓	✓	✓	✓	✓	✓
OS 8.6	✓	✓	✓	✓	✓	✓	✓
OS 9.0 / 9.0.4	✓	✓	✓	✓	✓	✓	✓
OS 9.1	✓	✓	✓	✓	✓	✓	✓

Windows XP driver will be available at solutions.brother.com

At your side.
brother®

Brother International (Aust) Pty Ltd

Web-site: www.brother.com.au Solutions web-site: solutions.brother.com

NSW/ACT 7 Khartoum Rd. North Ryde NSW 2113 Phone: (02) 9887 4344 Fax: (02) 9870 7234

VIC 43 Carrington Rd. Box Hill VIC 3128 Phone: (03) 9899 4844 Fax: (03) 9899 4833

QLD/NT Unit 4, 57 Miller St. Murrarie QLD 4172 Phone: (07) 3348 9266 Fax: (07) 3348 9366

SA/TAS Unit 4, 13 King William Rd. Unley SA 5061 Phone: (08) 8272 1300 Fax: (08) 8272 1199

WA 117 Great Eastern Highway Belmont WA 6104 Phone: (08) 9478 1955 Fax: (08) 9277 2177

All specifications subject to change without notice