















-890 All-in-One

The MFC-890 is a fully-featured, stand-alone All-in-One that allows you to print, fax, copy and scan in colour from one compact unit. It offers exceptional performance across all of its wide-ranging functions, and with its network option and advanced PhotoCapture Centre™ capabilities, the MFC-890 is the ideal solution for your office.

Colour Print

The MFC-890 will print the high quality documents that you demand, time and time again. This machine can produce up to 16 A4 colour pages per minute, and up to 20 pages per minute mono, with a resolution of up to 2400 x 1200 dpi, ensuring that all outputs are of the highest quality.

And it's efficient to, as the MFC-890 has four separate ink cartridges to reduce wastage, as well as an optical ink empty sensor to ensure easy recognition of lowrunning supplies.

Colour Fax

With its 33.6kbps Modem and up to 400 page memory, the MFC-890 offers fast, versatile colour faxing at the touch of a button. Fax features such as the 100 speed dials and Broadcast functions are easily accessible using the navigation key, and with a Dual Access Memory that allows documents to be loaded into the machine whilst other faxes are being sent or received, the MFC-890 is versatility itself.

Colour Copy

The MFC-890's functions include an easyto-use scaling option that allows you to decrease or enlarge the size of any document from 25% - 400% in 1% increments. And all colour copies are assured to be of outstanding quality as a result of the 1200 x 1200dpi copy resolution.

Colour Scan

The MFC-890 offers exceptional image reproduction at an affordable price. Your documents will be scanned in as little as three seconds and with the option to scan to e-mail, OCR, Image and Card, the incorporation of these images into your documents is made even easier.

PhotoCapture Centre[™]

The MFC-890's PhotoCapture Centre™ allows you to download images directly from digital cameras or laptops that utilise either SmartMedia™. CompactFlash™ or MemoryStick™, without the need for a PC or Mac™.

And once the card is inserted, the easy to use print functions allow quick and simple selection of individual images for printing.

With its removable disk drive function, the MFC-890 allows you to read and write information to each of the three memory formats from your PC. Couple this with the multitude of scan to media options and the ability to view images locally or over the network[†], the MFC-890 is a truly versatile solution.

†With NC-8100h



- CompactFlash™



Technical Specification

General

Piezo Inkjet 33,600 bps 3 seconds (Brother #1 Chart, MMR) Engine Modem Speed Transmission Speed ITU-T group compatibility MH / MR / MMR / JPEG Data Compression

Input / Output Width ADF (Auto Document Feed)

MH / MH / MH / JPEG Up to 216 mm Up to 30 sheets can be placed in the document feeder and fed one at a time automatically. 2 lines of 16 characters with Back lit display Step by step prompts are displayed within the LCD in order to facilitate

LCD Display Size On-Screen Programming

Remote Set-up

Step by step priorings are uspaged within the LOD in order to fact programming machine options and settings.

Allows the user to set-up the MFC from their PC. E.g. quick dials, station ID (Windows[®]) and MacOSXTM only) Keeps time and date backed up for up to 1 hr 8 MB (RAM) (Print/Fax), (Print/Scan), (Print/Copy), (Fax/Copy) Backup for clock Total Memory Capacity

Simultaneous Operation

Colour Printer

20/16 - mono/colour @ 450 x 150 doi

20/16 – mon/colour @ 450 x 150 dpi 10/7 – mono/colour @ 600 x 300 dpi 3.5/2.5 – mono/colour @ 600 x 600 dpi 1.2/0.9 – mono/colour @ 1200 x 1200 dpi Up to 2400 x 1200 dpi 100 sheets can be stored in the paper tray

Resolution dpi

Paper Capacity (Sheets)
Output Paper Capacity

I ou sineets can be stored in the paper tray
50 sheets can be stored in the output paper tray
A4/A5 EXE/LTR/Leg/Postcard/Photo/Index card/OHP/Envelopes
This feature enables you to print to within 3mm of all edges of a sheet
of A4 paper
Windows® GD Paper Handling Size / type Near edge printing

Standard Print Language

Compatible with Windows[®],95/98/98(SE)/Me/WinNT4.0/2000Professional/XP Mac0S™ 8.5.1 - 10.1

True2Life

Colour Enhancement **Colour Fax**

Send, receive and memory receive only. (Not possible to memory send in colour). Automatic redialling if the recipient fax is busy Colour Fax

100 speed dial locations easily accessible using the navigation keys.

A combination of up to 6 speed dial and telephone index numbers can Speed Dials Group Dial

be stored in one speed dial location and accessed using the navigation keys An electronic, alphabetical listing of Speed Dials and Group numbers. The machine automatically answers every call, incoming faxes are printed or stored to memory, telephone calls will generate a pseudo ring Super Fine Enables quality transmission of very small print and line drawings, (Mono only)

Grey Scale Contrast 256 levels This allows the user to change the contrast between Auto / light / dark

Up to 400 pages (ITU-T No.1 Chart, MMR)

Delayed Timer Standard and Sequential receive and transmit

Polling Type Transmit Lock Quick-Scan (Memory Transmission)

Memory Transmission/ Out of Paper Reception Broadcasting Batch Transmission

FCM (Frror Correction Mode) Dual Access

Fax Forwarding

PC Fax

Fax Retrieval

Internet Fax

Colour copy

Resolution

Multi Copy (Stack)

Multi Copy (Sort)

Enlargement/Reduction Ratio 2 in 1 / 4 in 1

Up to 15/12, mono/colour for multiple copies Up to 12/8, mono/colour for multiple documents Maximum 1200 x 1200 dpi

Using stack, copies of sheets A, B, C will be delivered into the tray in

osing stack, copies or sheets A, B, C will be delivered into the day in order A A B C C for up to 99 copies Using sort, copies of sheets A, B, C will be delivered into the tray in order A B C A B C for up to 99 copies Reduce or Increase document sizes from 25% to 400% in 1% increments.

This allows the user to prevent unauthorised access to the fax machine.

Reduce scanning times by scanning a fax into memory before sending.

Send the same fax message to up to 150 separate locations Stores documents for the same location in the machines memory for

Where machine share the ECM feature, detects errors during fax transmission and researds the page(s) of the document that had an error 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) Sends a fax received in memory to another pre-programmed fax

number, (B&W only) Available with Brother Software supplied with the MFC-890 (B&W send

Available with Diotal Software Supplied with the Wid-Oso (Gaw s and receive for Windows®, B&W send only for Mac) Allows the user to remotely access their machine by using another touch tone phone

Allows the user to retrieve fax messages using another touch tone Allows are used to relieve that missages compared machine, (BaW only)
Supports the popular ITU-T.37 for storing and forwarding Internet Faxes
Features, allows faxes to be sent through the Internet to other Internet
Fax machines virtually free from cost. (Available with LAN option)

Allows the user to compress 2 or 4 pages on to a single A4 sheet Allows the user to create posters by enlarging 1 A4 sheet on to 3 x 3 $\,$

Colour Scann

Up to 600 x 2400 dpi Up to 9600 x 9600 dpi Resolution (Interpolated) Speed Scan speed is from 3 seconds

Grey Scale Twain Compliant & Operating System 256 shades of grey are available for copying, faxing or scanning The MFC-890 is Twain compliant for Windows®,95/98(SE)/Me/WinNT,4.0/2000Professional/XP (WIA) MacOS™ 8.6-9.2

MacOS¹¹⁸ 8.6-9.2
The MFC-890 has Parallel and USB connections
Allows the user to scan to e-mail, OCR, Image, Card and LAN.
For Windows®, only (LAN requires Network option)
The MFC-890 has a 36 bit internal colour processing
The ADF facility enables you to scan consecutive sheets unattended with Windows®, and MacTM PCI Scanner Scan Key

Colour Depth

Consecutive scan with ADF

List Report

Auto Dial list

Journal Report nission Verification Report

Reports transmission details after each fax is sent.

By selecting 'print reports' in the menu function, the machine prints

a list of basic operational steps and functions. Lists names and numbers stored in the Speed Dial memory, in

Lists information about the last 200 incoming and outgoing faxes.

Order form By selecting 'print reports' in the menu function, the machine will print an accessories order form for you to send to your Brother dealer

Interface

External TAD Interface Host Interface (IEEE1284)

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

I AN Interface

Optional 10Base-T/100Base-TX
Smart Media[™] / Compact Flash[™] / Memory Stick[™] Acceptable media card slot

PhotoCapture Cer

Acceptable Media The following can be used in the MFC-890:

Smart Media™ (3.3v) Compact Flash™ (Type –1 / 2) does not support Microdrive

Print from Media Types You can print from any of the acceptable media listed without the use of a PC The following media formats are supported by the MFC-890, DPOF, EXIF, DCF The following image formats are supported by the MFC-890, TIFF, JPEG, PDF Media format Scan-to-card Colour Enhancement

USB only. Win[®]98/98SE/Me/2000/XP, Mac[™] 9.0-10.1 Media Drive

With Carton (612mm width) x (572mm depth) x (464mm height) Without Carton (492mm width) x (466mm depth) x (378mm height) With Carton 16.5 Kg Without Carton 13 Kg

Weight

Power Off Stand-by Under 5 W/hour Under 19 W/hour Under 8 W/hour Powersave Under 50 W/hour

Operating Energy Star Compliant This MFC is Energy Star Compliant

Consumables

4 Separate Ink Cartridges

LC600BK Up to 950 pages @ 600 x 150 dpi resolution @ 5% coverage LC600C Up to 450 pages @ 600 x 150 dpi resolution @ 5% coverage LC600M Up to 450 pages @ 600 x 150 dpi resolution @ 5% coverage LC600Y Up to 450 pages @ 600 x 150 dpi resolution @ 5% coverage

Works with:	MFC-890	Scanner Resolution Up to dpi	TWAIN/WIA Driver	Scan to Image	Scan to E-mail/OCR	PC Fax Send	PC Fax Receive	Printer Driver	Remote Setup	Removable Disk Drive	Scansoft™ PaperPort [®]
	Microsoft [®] Windows [®]										
	95	9600x9600	TWAIN	~	~	~	~	~	~	-	~
	98/Me/2000	9600x9600	TWAIN	~	~	~	~	~	~	····	~
	NT® 4.0WS	9600x9600	TWAIN	~	~	~	~	~	~	-	~
	XP	1200x1200*	WIA	~	~	~	V	~	~	····	~
	Macintosh™										
	Mac™ OS 8.5		-	-	-	~		~		-	
	Mac™ OS 8.6	9600x9600	TWAIN			~	-	~	-	-	
	Mac™ OS 9.0 - 9.2	9600x9600	TWAIN	-	-	~	-	~		~	
	Mac™ OS 10.1		-	-				~	~	~	

Contact:



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^{*} Based on ITU-T Test Chart No.1 with ECM and standard resolution.