

olivetti



LINEA *office*

USER GUIDE

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MIPC (Mobile Imaging and Printing Consortium)

The MIPC is a non-profit industry association founded in 2004 by leading companies in home photo printing and the mobile phone industry. Its mission is to promote and support the development of interoperability guidelines enabling printing of images and other content between mobile phones and home printers. The guidelines are promoted for use internationally to ensure a broad spectrum of products and services for mobile phone consumers.
www.mobileprinting.org.

LINEA office: This Mobile Printing Ready product is designed to provide easy printing from mobile phones. This product follows Mobile Imaging and Printing Consortium (MIPC) Implementation Guidelines for Home Printing with Mobile Terminals, Version 2.1, for PictBridge.

1 GETTING STARTED

OVERVIEW

SAFETY INSTRUCTIONS

INFORMATION ON PRINT QUALITY AND THE WARRANTY

LOCATING THE PRINTER COMPONENTS

PRINTER KEYBOARD

LEDS ON THE PRINTER FRONT PANEL

PRINTER POWER SUPPLY

SWITCHING THE PRINTER ON AND OFF

LOADING PAPER ONTO THE AUTOMATIC SHEET FEEDER

LOADING DOCUMENTS ONTO THE AUTOMATIC DOCUMENT FEEDER

CONNECTING A DIGITAL CAMERA TO THE PRINTER

CONNECTING THE PRINTER TO THE TELEPHONE NETWORK

INSTALLING THE FAX

SETTING FAX DATE AND TIME

OVERVIEW

This multifunction product provides the integrated functions of a high quality ink-jet printer and of a colour scanner, photocopier and fax. Copying and faxing multiple page documents is made simple by the automatic document feeder. For normal printing and copying operations, a colour ink cartridge can be used with a black ink cartridge. For printing photos, it is recommended that you replace the black cartridge with a photo ink cartridge (sold separately). All cartridges are also available in a High Capacity version.

The printer can be used without a computer for faxing documents and making copies; you can also print photos by simply connecting a digital camera to the USB interface on the front panel.

The Installation CD supplied with the printer provides the software for connection with a computer, and an application called the **Toolbox** which provides rapid access to all the printer features.

A second CD provides the software for manipulating text and images.

Complete information can also be found in electronic format by selecting **Start > Programs** or **All programs > Olivetti**, which you can browse or print.

Online Help is available for each software screen by just selecting **Help**.

SAFETY INSTRUCTIONS

Read and follow attentively the following safety instructions:

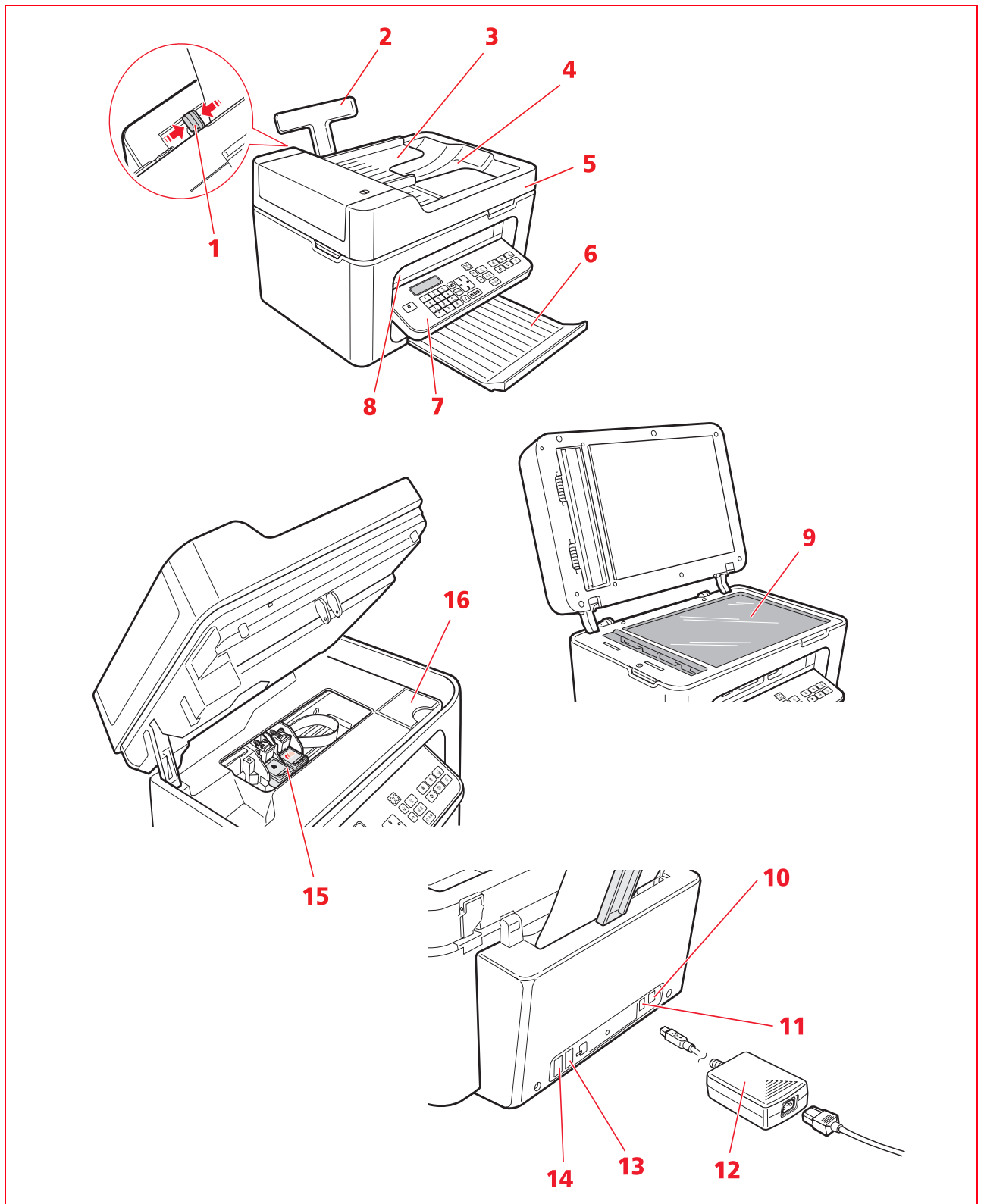
- Use exclusively the CWT model PAA060P power supply unit and the power cable supplied with the product. If a different power supply unit is used to that provided in the package, it is the sole responsibility of the user to guarantee its conformity with current safety standards, and that it meets the correct power supply requirements of the product.
- Connect the power supply cable to a grounded electrical outlet that is near the product, and easily accessible.
- Install the printer on a flat, stable surface, in a location where no one can step on or trip over the power cable.
- Do not use the printer near water, or with wet hands.
- Do not expose the printer to rain or moisture.
- Do not attempt to disassemble the printer.
- Observe all warnings and instruction markings on the printer.
- Read and understand all the documentation supplied with the printer.

INFORMATION ON PRINT QUALITY AND THE WARRANTY

To guarantee correct operation of the printer and top quality printing, use only **original Olivetti ink cartridges**.

Olivetti declines any responsibility whatsoever for damage to the printer caused by the tampering with, or refilling, ink cartridges. Such conduct also renders the Warranty void.

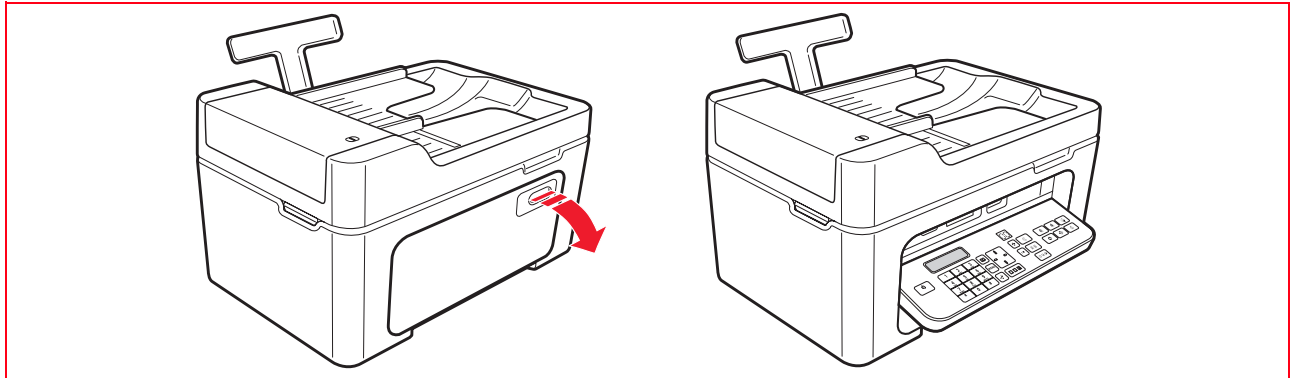
LOCATING THE PRINTER COMPONENTS



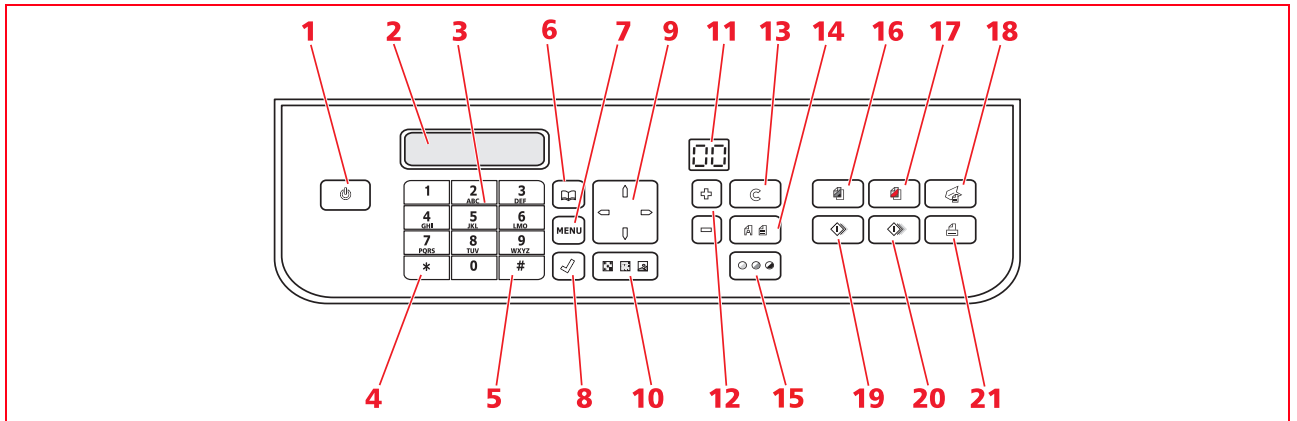
Reference	Part	Description
1	Paper guide	Guides the paper as it is fed into the printer.
2	Automatic sheet feeder	Automatically feeds the paper into the printer for printing.
3	Automatic document feeder	Automatically feeds the original document to be printed, scanned or faxed.
4	Document tray	Collects the original documents after use by the automatic document feeder.
5	Scanner glass cover	Protects the scanner glass. Comprises the automatic document feeder.
6	Paper output tray	An extendible tray that collects the printed paper as it is output from the printer.
7	Keyboard	Provides the keys to switch the printer on and off, and for all the selection and send operations.
8	PictBridge/DPOF compatible USB interface	Allows the USB cable of a compatible digital camera or external memory devices to be connected.
9	Scanner glass	Surface on which documents are placed for scanning or copying.
10	High-speed USB interface	Allows connection of the USB cable (not supplied) so the printer can be used with a computer.
11	Power connector	Printer power supply connector. Connect the plug of the external power supply unit to the printer. See "LEDS on the Printer Front Panel".
12	External power supply unit	Supplies the printer with electrical current. Connect the power cable to the electrical outlet.
13	RJ11 Connector	Telephone signal input line (LINE IN).
14	RJ11 Connector	Telephone signal output line (LINE EXT), to connect a telephone or an answering device.
15	Ink cartridge carrier	<p>Holds two ink cartridges. The colour cartridge is inserted on the right, the black cartridge (or photo cartridge, sold separately) is inserted on the left.</p> <p>For replacing the cartridges, see "Replacing the Ink Cartridges". To access the carrier, with both hands raise the upper part of the printer. The support lever automatically blocks the upper part of the printer in the open position.</p>
16	Storage/protection garage for black and photo ink cartridges	Stores and protects the black or photo cartridge when not being used.

PRINTER KEYBOARD

The keyboard provides selection and start keys for all the functions available: copy, fax and print from digital camera or compatible memory device connected to the printer. Under normal operating conditions, the keyboard **should be left open**. To open the keyboard, press on the shiny area at the top right of the door.



Key Functions

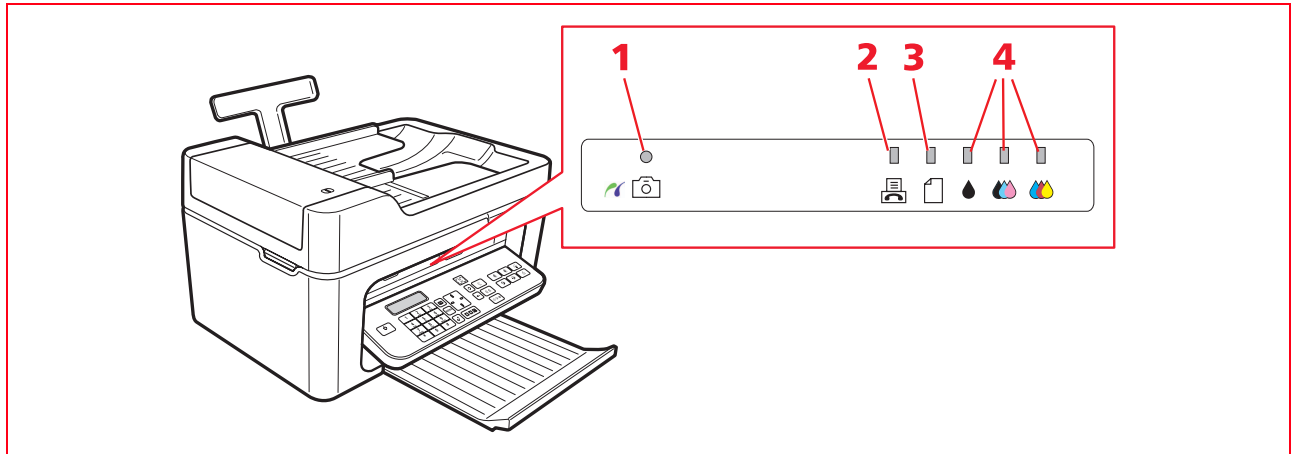


Reference	Part	Description
1	On/Off key	Switch the printer on and off. If there is a fax in memory that has been received but not yet printed (yellow light on), switching off the printer is disabled. Note: Switching off the printer results in the loss of date and time settings, it is therefore recommended that you do NOT carry out this operation which has been replaced by automatic energy saving mode. If, nevertheless, you want to switch the printer off, press the On/Off key for 5 seconds.
2	Display	Indicates the fax status, and displays the menu and phone book.
3	Alphanumeric keypad	You can enter the telephone number or the initial of the name you want to find in the phone book.
4	* key	Provides access the special functions provided by the telephone company. Also allows you to change from "Pulse dialling" to "Tone dialling".
5	# key	Provides access to the special functions provided by the telephone company.

Reference	Part	Description
6	Phone book	The first number displayed is the last number called. The name search can be effected using the Navigator , or by entering the initial of the name you want to find. Entries can be made to the phone book only from the computer.
7	Menu	Provides access to all the fax functions. You can browse using the Navigator , confirm your selections using the Confirm key, or cancel selections using the Cancel key.
8	Confirm	Select and confirm the options shown on the display.
9	Navigator	Browse menu items on the display or entries in the phone book.
10	Fax quality	Modify the resolution to be used when sending faxes.
11	Copy counter	Displays the number of copies setting. The number displayed decreases as each copy is printed.
12	Select number of copies	Set the number of copies to be made using the plus (+) and minus (-) keys. The number selected is displayed on the Copy counter.
13	Cancel	Cancel a job immediately. Restore settings to their factory values.
14	Select print quality	Select the print and copy quality. Photo quality is recommended for copying images, or when printing on special ink-jet paper.
15	Copy contrast	Lighten or darken the copy.
16	Start B/W copy	Start copying in B/W. Press and keep held down to activate the "Fit to page" functionality. This functionality is not available when documents are loaded onto the automatic document feeder.
17	Start colour copy	Start copying in colour. Press and keep held down to activate the "Fit to page" functionality. This functionality is not available when documents are loaded onto the automatic document feeder.
18	Start scanning	Enabled when the printer is connected to a computer. Press to scan the document on the scanner glass or loaded onto the automatic document feeder. A Toolbox application window is displayed on the computer allowing you to scan the image directly into an application of your choice, and to customise scan settings.
19	Start B/W fax	Start receiving or sending a black and white fax.
20	Start colour fax	Start receiving or sending a colour fax.
21	Start printing	Enabled when a digital camera or a compatible memory device is connected to the printer. This key flashes when printing is in progress.

LEDS ON THE PRINTER FRONT PANEL

Open out the keyboard to access the compartment where the LEDs can be seen.



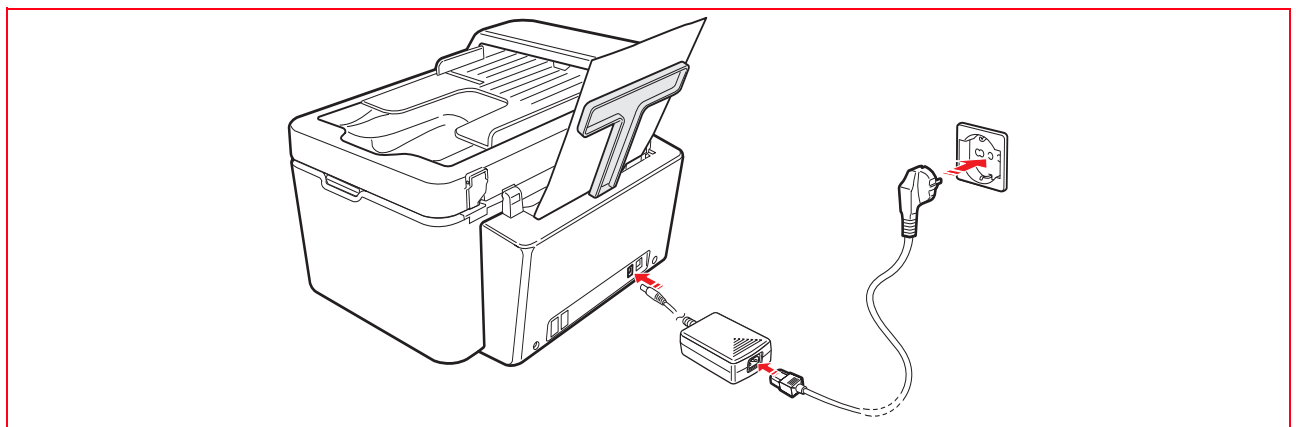
Reference	Indicator	Description
1	USB status	<ul style="list-style-type: none">A green light indicates that a digital camera or compatible memory device is connected. A flashing light indicates that data is being transferred to the printer.
2	Fax present in memory	<ul style="list-style-type: none">A fax is present in memory (i.e. was not printed when it was received). The printer cannot be switched off without correcting the reason for the error, and printing the faxes present in memory.A fax transmission or reception error has occurred.
3	Paper error	Indicates: <ul style="list-style-type: none">Paper jam.No paper in feeder.
4	Out-of-ink	The LEDs flash when the black, photo or colour cartridges are nearly out of ink. A steady orange light indicates that the ink has run out.

PRINTER POWER SUPPLY

The printer is powered from the mains using the external AC power supply unit provided.

Proceed as follows to connect the power supply unit to the electrical outlet:

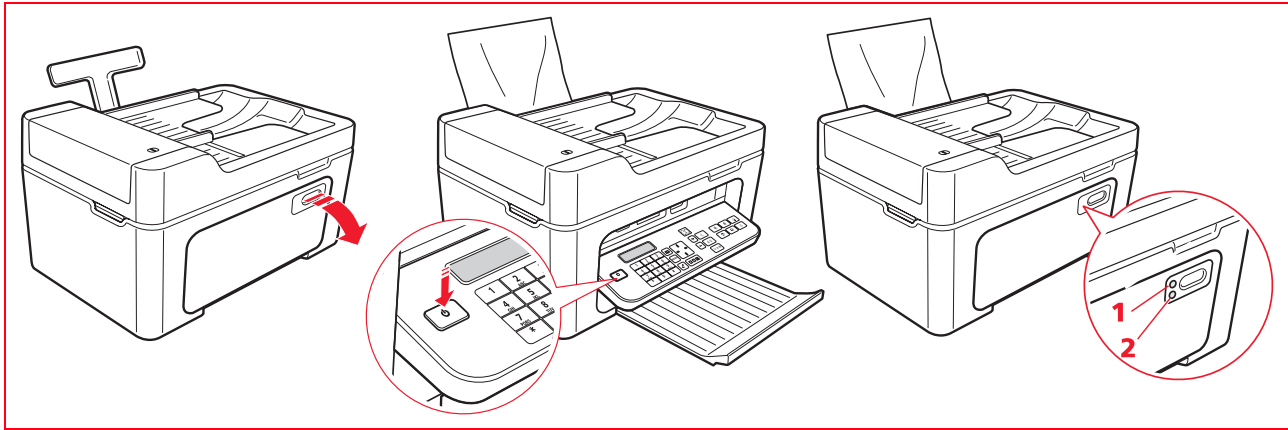
- 1 Insert the plug of the external AC power supply unit cable into the printer socket.
- 2 Insert one end of the power cable into the power supply unit and the other end into the electrical outlet.



SWITCHING THE PRINTER ON AND OFF

Press the **On/Off** key.

When the keyboard is closed, the two LEDs indicate if the printer is switched on and if any operating errors have occurred.



Reference	Indicator	Description
1	On/Off LED	A green light indicates that the printer is switched on.
2	Error LED	An orange light indicates that errors are signalled by the LEDs on the printer front panel.

Printer Economy Mode

After a time interval that can be modified from the Toolbox, the printer enters energy saving mode and the keyboard is disabled.

The printer re-activates on receiving any signal from the computer or the keyboard.

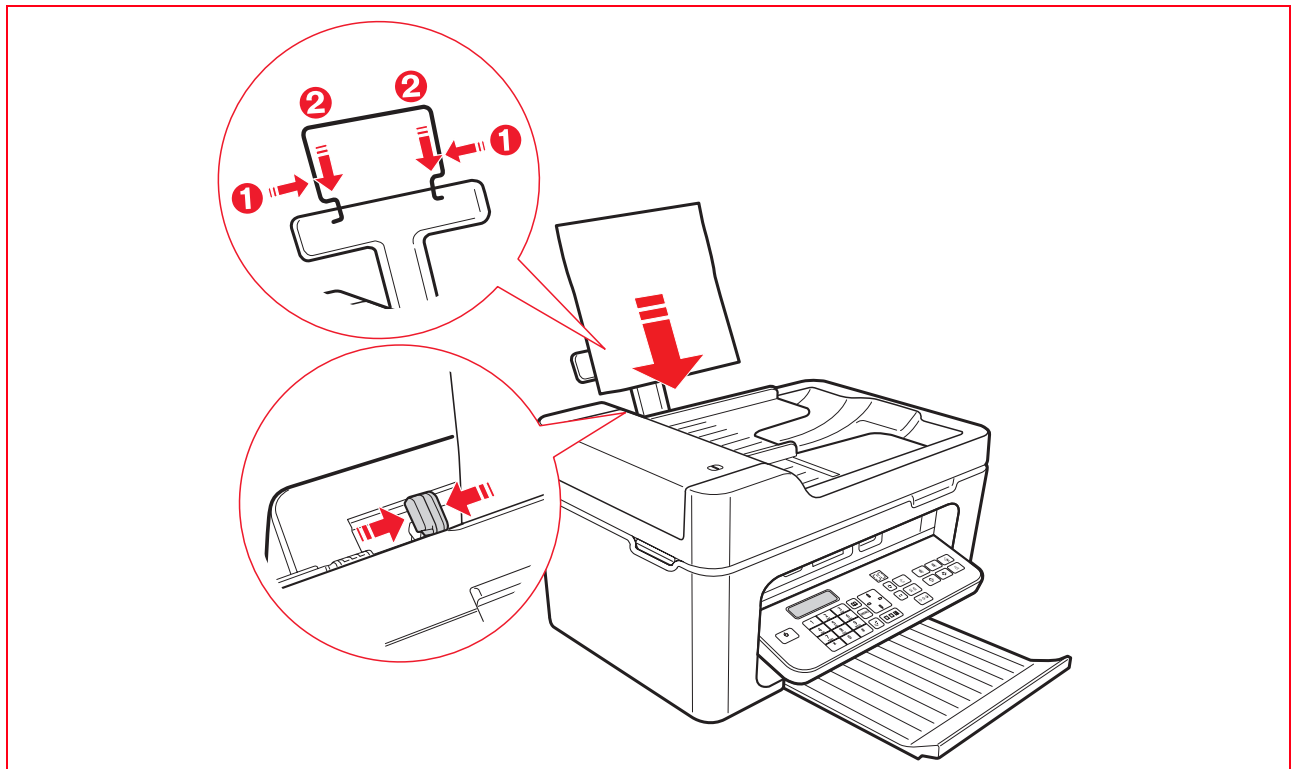
Note: Switching off the printer is not recommended as it results in the loss of the date and time.

LOADING PAPER ONTO THE AUTOMATIC SHEET FEEDER

- 1 Raise the automatic sheet feeder into its upright position, then press the paper width guide and slide it to its outermost position.
- 2 Load the paper vertically (portrait orientation), with the side to print on facing the front of the printer, and positioned against the right-side guide.

Note: The feeder capacity is 100 sheets of 80 g/m² plain paper.

- 3 Press the left paper guide and slide it up against the left edge of the paper.



Loading Different Types of Paper

To load:	Proceed as follows:
Plain paper, coated paper, photo paper, greeting cards, index cards or post cards, envelopes, ink-jet labels.	<ul style="list-style-type: none"> Load the media vertically, against the right side of the automatic sheet feeder, and with the print side facing up. Pressing the paper guide, slide it up against the left edge of the paper. <p>Note: Load letterhead paper with the top of the letterhead entering the printer first, facing up.</p>
Transparencies	<ul style="list-style-type: none"> Transparencies that can be used must have a white backing paper, or a removable white stripe on the leading edge to be inserted first into the printer. <p>Note: Transparencies must be inserted into the printer without removing the protection as indicated in the supplier's instructions.</p>
Banner paper	<ul style="list-style-type: none"> Remove all paper from the feeder. Insert the leading edge of the banner paper vertically into the printer, against the right side of the automatic sheet feeder, and with the print side facing up. <p>Note: Do not use perforated fan-fold banner paper.</p> <ul style="list-style-type: none"> Press the paper guide and slide it up against the left edge of the banner paper.
Iron-on transfers	<ul style="list-style-type: none"> Read the instructions supplied with the transfers. Load the sheets vertically against the right side of the automatic sheet feeder and with the side to be printed facing towards the front of the machine. Press the paper guide and slide it up against the left edge of the transfer.

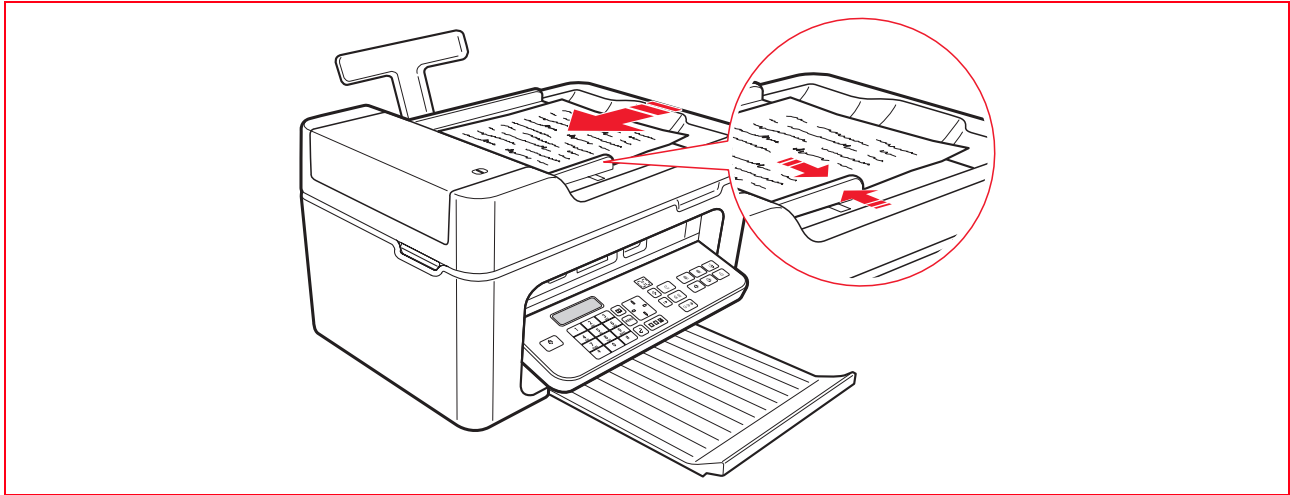
LOADING DOCUMENTS ONTO THE AUTOMATIC DOCUMENT FEEDER

The automatic document feeder for copying or faxing documents can contain a maximum of 35 sheets of 80 g/m² plain paper.

The document sizes supported are: A4, Legal, Letter and A5.

Note: Do not insert postcards, photos, small items or light materials (such as newspaper cuttings). For these types of materials, use the scanner and the computer.

- 1 The original document must be inserted with the printed side to be copied facing upwards.

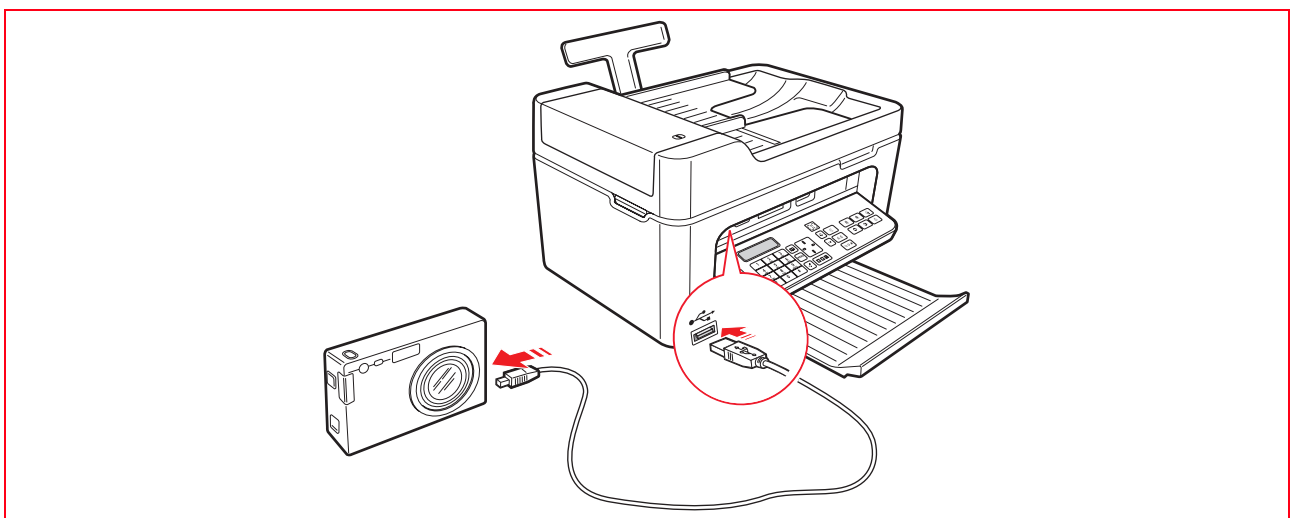


- 2 Adjust the paper width guide of the automatic document feeder and make sure that it is positioned against the edge of the paper.

CONNECTING A DIGITAL CAMERA TO THE PRINTER

- 1 Switch on the digital camera. For more information, read the digital camera's User Guide.
- 2 With the printer switched on, connect one end of the USB cable to the USB connector of the digital camera, and the other end to the USB connector on the printer front panel. The connection LEDs and the **Start printing** key icon illuminate.

Note: If you are connecting a PictBridge digital camera, the **Start printing** key icon does not illuminate because printing is controlled directly from the digital camera.



The green USB status LED illuminates to indicate that a correct connection has been established. If the connection is not established, make sure you have connected a compatible device.

CONNECTING THE PRINTER TO THE TELEPHONE NETWORK

Two RJ11 connectors are present on the back of the printer: "LINE" (on the right) and "EXT" (on the left). Using the telephone cable provided, connect the telephone line to the "LINE" socket.

You can connect an external telephone or an answering device to the "EXT" socket.

If the socket is protected by a cover, remove it.

A telephone connected in a cascade can be used to make and reply to calls, and to send a START signal to receive a fax (the default DTMF code * * can be customised by selecting **Toolbox > Settings > Fax settings > Installation > Configuration**).

In this case, the keyboard display indicates that an additional telephone is connected.

Connecting to the Telephone Network and Connecting an External Telephone

As connecting an additional telephone or other device to the fax telephone line is subject to national regulations, which vary from country to country, the illustrations on the next pages show connection examples.

If, in the destination country, connection to the telephone line differs from those shown in the examples, refer to the regulations in force in the destination country.

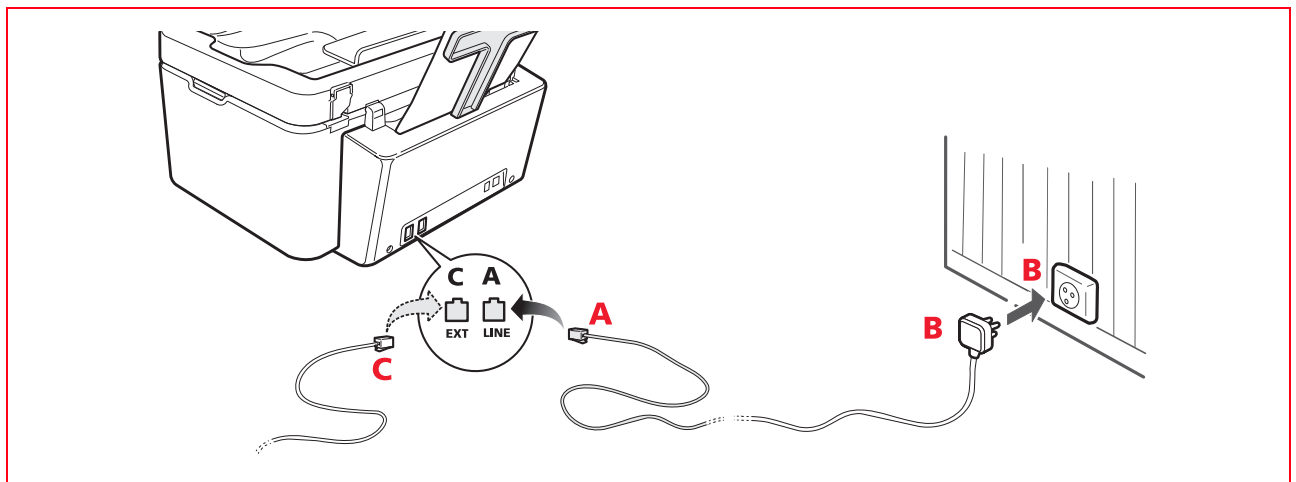
- The fax is set up to be connected to the **public telephone line**. To connect it to a private line and use it also on a public line, refer to the section "Installing the Fax".
- In the case of a **multiple-socket telephone system**, additional telephone devices can be connected to any of the sockets available provided that the system is of the type with **multiple sockets in parallel**. In this case, the dial tone is always present when the handsets of the existing telephone devices are lifted simultaneously.
- If the dial tone is not present when the hand-sets of the pre-existing telephone devices are lifted simultaneously, this means that the telephone system is of the type with **multiple sockets in series**. In this case, the additional telephone devices must be connected directly to the printer as already explained above.
If this is not possible, connect the printer to the socket with the highest priority.
Each country uses a specific type of telephone plug. The most frequently-used connections are illustrated below.

Connection Case 1 (Italy and Switzerland)

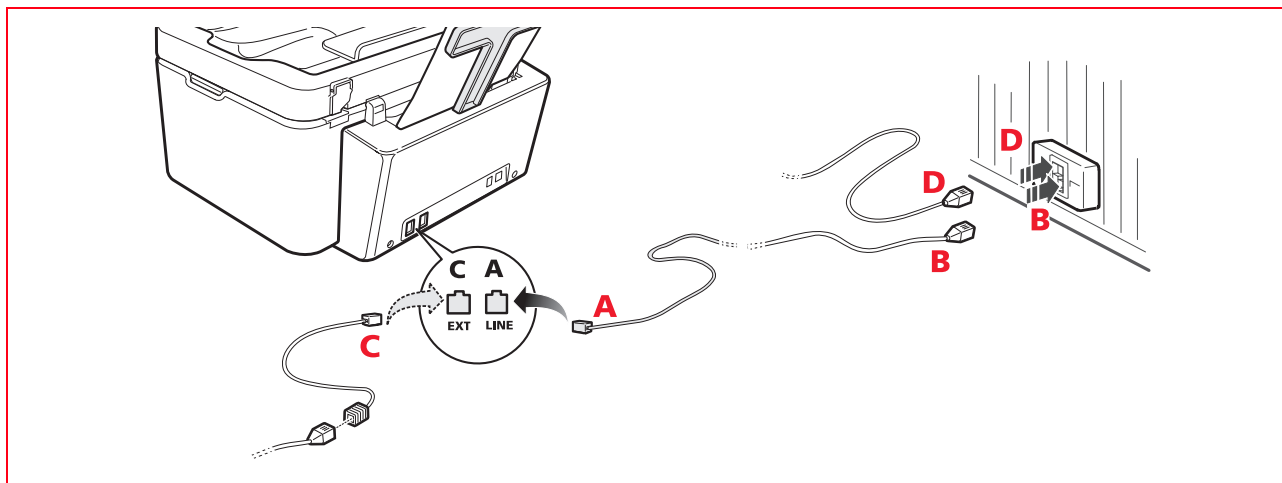
Insert the connector of the additional telephone or other device (see the related illustration) into the "EXT" socket. If it is not possible to connect the additional telephone directly to the "EXT" socket, use the specific adapter supplied with the additional telephone.

- A** = telephone line input (LINE IN)
- B** = wall socket for telephone plug
- C** = external telephone with or without adapter, telephone answering device (EXT)
- D** = socket for external telephone, telephone answering device or other unit.

Connection Case 1 Italy



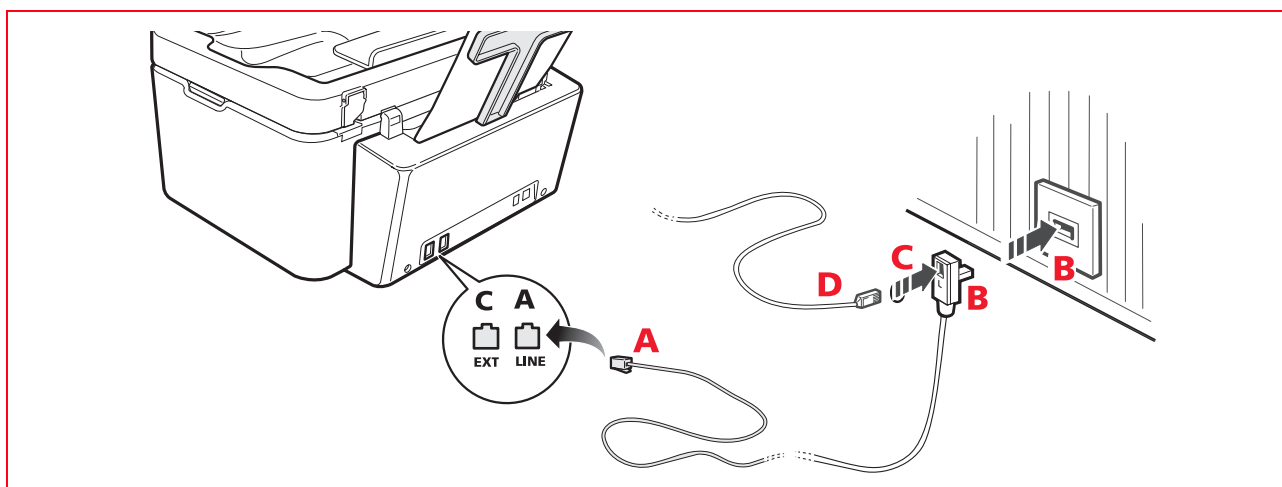
Connection Case 1 Switzerland



Connection Case 2

Insert the connector or plug of the additional device into the socket (see the related illustration).

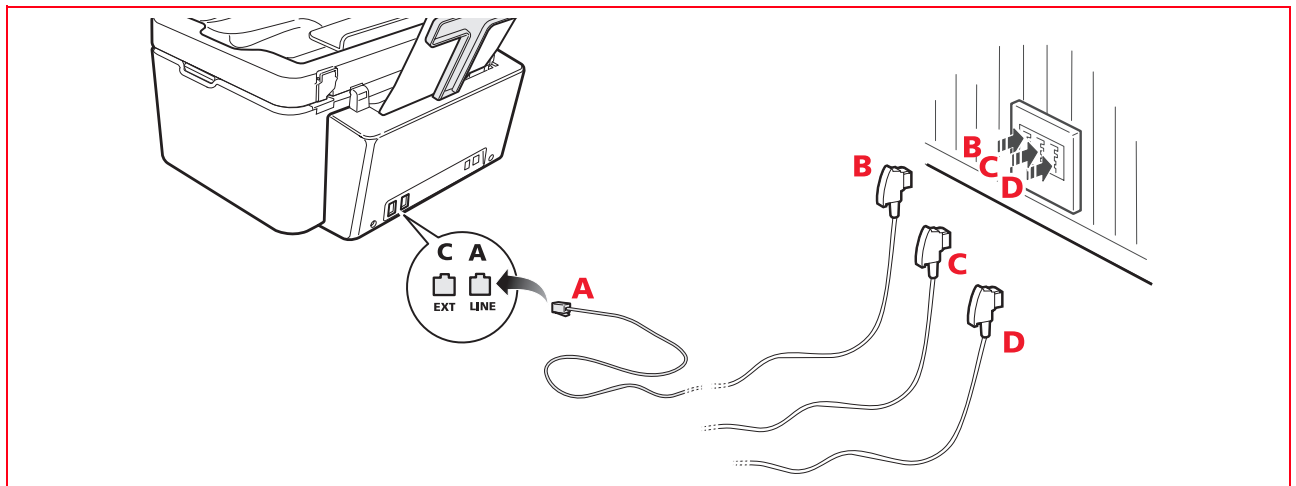
- A = telephone line input (LINE IN)
- B = wall socket for telephone plug
- C = external telephone, with or without adapter, telephone answering device (EXT)
- D = socket for external telephone, telephone answering device or other unit.



Connection Case 3

Insert the plug of the additional unit into the wall socket of the telephone line (see the related illustration). Using the specific adapter (as for the first type of connection), you can connect another device to the printer "EXT" socket for connection to the telephone line.

- A = telephone line input (LINE IN)
- B = wall socket for telephone plug
- C = external telephone, with or without adapter, telephone answering device (EXT)
- D = socket for external telephone, telephone answering device or other unit.



INSTALLING THE FAX

After having connected the telephone cable and the power supply cable, press the **On/Off** key to switch on the printer. The printer executes a series of autodiagnostic tests displaying, at the end, a message indicating that the printer is ready for use as a fax.

Installation Procedure

- 1 When switched on, the display shows the languages available in sequence, each uniquely identified by a 2-digit code "nn".
Enter the keys relative to the number "nn" corresponding to the language you want to set.
 - 2 Confirm your selection by pressing the **1** key. Alternatively, press the **0** key to return to step 1.
 - 3 The possible choices for the destination country are shown on the display.
Each country is uniquely identified by a 2-digit code "nn".
Enter the keys relative to the number "nn" corresponding to the destination country you want to set.
 - 4 Confirm your selection by pressing the **1** key. Alternatively, press the **0** key to return to step 3.
 - 5 Installation is terminated.
 - 6 To enter the date and time, press the **Menu** key followed by the **Confirm** key. The message "SET DATE/TIME" appears on the display.
 - 7 Enter the data using the alphanumeric keypad then press the **Confirm** key.
- Note:** The date and time can also be sent from the computer by selecting **Toolbox > Settings > Fax settings**.
- Note:** If there is a power failure, the date and time settings are lost. When the printer is next switched on, a message is displayed prompting you for the date and time again.
- Note:** If you want to change the Destination country setting, press in sequence the keys **C + * + ***. The display allows you to choose your language and Destination country. Enter the data and then switch off the printer. When you switch the printer on again, you must enter the correct date and time.

Country	Selection
Argentina	AMERICA LATINA
Australia	NZL/AUSTRIA
Austria	ÖSTERREICH
Belgium	BELGIUM
Brazil	BRASILE
Chile	AMERICA LATINA
China	CHINA
Colombia	AMERICA LATINA
Czech Republic	CZECH
Denmark	DANMARK
Finland	FINLAND
France	FRANCE
Germany	DEUTSCHLAND
Greece	GREECE
Hong Kong	SINGAPORE
India	INDIA
Israel	ISRAEL
Italy	ITALIA

Country	Selection
Ireland	UK/IRLANDA
Luxembourg	BELGIUM
Mexico	AMERICA LATINA
New Zealand	NZL/AUSTRALIA
Norway	NORGE
Netherlands	HOLLAND
Portugal	PORTUGAL
Peru	AMERICA LATINA
Rest of the world	INTERNATIONAL
Spain	ESPAÑA
South Africa	S. AFRICA
Sweden	SVERIGE
Switzerland	SCHWEIZ
Turkey	TURKEY
UK	U.K. / IRELAND
Uruguay	AMERICA LATINA
Venezuela	AMERICA LATINA

SETTING FAX DATE AND TIME

To set the date and time manually when you switch on the printer:

- In stand-alone mode, press the **Menu** key. The message "**SET DATE/TIME**" is displayed. Enter the date and time using the alphanumeric keypad and press **Confirm** again at the end.
- You can also send the date and time from the computer by selecting **Toolbox > Settings > Fax settings**.

2 USING THE PRINTER WITHOUT A COMPUTER

COPYING A DOCUMENT

PRINTING PHOTOS FROM A DIGITAL CAMERA

PRINTING PHOTOS FROM A PICTBRIDGE DIGITAL CAMERA

PRINTING PHOTOS FROM A DPOF DIGITAL CAMERA

FAX MANAGEMENT MENU

CONFIGURING THE PRINTER TO RECEIVE FAXES

SENDING A FAX

PRINTING FAX REPORTS

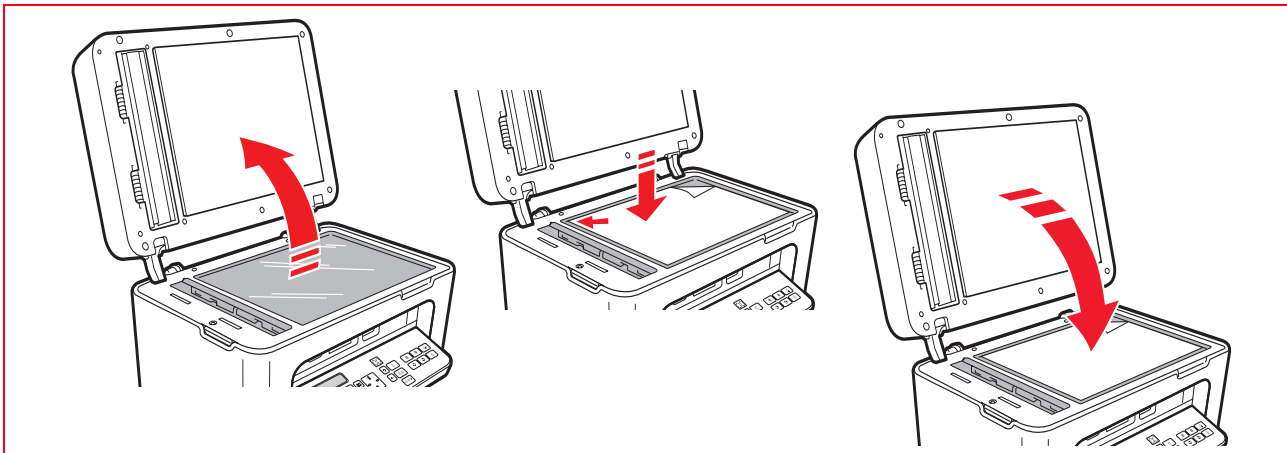
MODIFYING FAX SETTINGS: RESOLUTION AND CONTRAST

MODIFYING RING TYPE ON RESPONSE (RING DISTINCTION)

USING THE PHONE BOOK

COPYING A DOCUMENT

- 1 Switch on the printer. See "Switching the Printer On and Off".
- 2 Make sure that the out-of-ink indicators on the front panel are switched off. If either indicator is on, you should replace the corresponding ink cartridge.
For more information, see "Replacing the Ink Cartridges".
- 3 Load the paper on which you want to print.
- 4 Place the document you want to copy on the scanner glass or, if it consists of multiple pages, in the automatic document feeder.



- 5 Select the copy quality: Photo or Normal, pressing the **Select print quality** key.
 - a To copy a normal B/W text, or a mixed document in B/W and colour, select **Normal**.
 - b To copy a document and print it on special ink-jet paper, select **Photo**. For more information, see "Printer Keyboard".
- 6 Select the contrast: dark, medium or light, pressing the **Copy contrast** key. For more information, see "Printer Keyboard".
- 7 To make more than one copy, press the "+" (plus) key the number of times necessary to display the number of copies required on the counter.
- 8 Press the **Start B/W copy** or **Start colour copy** key, as required.

Note: If you want to copy the document onto a different sized page, keep the **Start B/W copy** or **Start colour copy** key pressed to activate the **Fit to page** function. The printer automatically resizes the original to correspond to the size of paper loaded.

Note: The **Fit to page** function is not available if the documents to copy are loaded onto the automatic document feeder.

PRINTING PHOTOS FROM A DIGITAL CAMERA

When a digital camera or a compatible memory device is connected to the printer, the **Start printing** key illuminates. Pressing the **Start printing** key causes the **Photo Index** to be printed, a document reproducing all the images present in the memory connected to the printer, and that allows you to choose the images to print, the number of copies and the paper size.

To print the Photo Index:

- 1 Leave connected the memory used for printing the Photo Index.
- 2 Position the Photo Index, completed in all its parts, on the scanner glass.
- 3 Press the **Start printing** key until the print operation starts (approx. 8 seconds): the photos are printed as indicated.
 - The pre-configured print quality is suitable for special ink-jet paper, and can be modified from the printer keyboard.
 - The photos printed are automatically adjusted to fit the size of the paper in the automatic feeder.

PRINTING PHOTOS FROM A PICTBRIDGE DIGITAL CAMERA

To obtain the best results when printing photos, you should use a colour cartridge with a photo cartridge. See "Replacing the Ink Cartridges".

- 1 Load photo paper onto the printer.
- 2 Make sure the PictBridge digital camera is switched on and connected to the printer.
- 3 Printing is controlled directly from the camera, therefore the **Start printing** key is disabled.

Read the camera's User Guide for instructions on how to print photos.

During printing, the **Start printing** key flashes.

Note: If the paper size loaded is different from the paper size set from the digital camera, printing will not be correct, or an error message is displayed.

PRINTING PHOTOS FROM A DPOF DIGITAL CAMERA

To obtain the best results when printing photos, you should use a colour cartridge with a photo cartridge. See "Replacing the Ink Cartridges".

The printer is able to recognise the DPOF information that has been associated with the images to be printed. The **Start printing** key illuminates on recognising the DPOF format files.

- 1 Load photo paper onto the printer.
- 2 Make sure the DPOF digital camera is turned on and connected to the printer.
- 3 Select the print quality according to your printing requirements.
- 4 Press the **Start printing** key on the keyboard to print the photos you have selected, associating the DPOF indications of the digital camera.

FAX MANAGEMENT MENU

To access the fax management menu, press the **Menu** key until it appears on the display.

The menu includes the following options:

- **Reception**
- **Installation**
- **Print Report**
- **Service**.

Use the fax management menu with the following keys:

- the **Navigator**, to browse items that appear on the display.
- the **Confirm** key, to confirm the selection.
- the **Cancel** key, to go back or cancel the current operation.

Reception

Press the **Menu** key to display "**Reception**" then press **Confirm**.

The following options available: Automatic, Manual, Phone/fax, Answering device/fax. For more information, see "Configuring the Printer to Receive Faxes".

Installation

Press the **Menu** key to display "**Installation**" then press **Confirm**.

The following options are available:

- **Date and time:** to enter the date and time.
- **Language:** to select the language required. Use the **Navigator** to scroll through the list and then press **Confirm** to select.
- **Number:** enter the fax number of the sender and then press **Confirm**.

Print Report

Press the **Menu** key to display "**Print Report**" then press **Confirm**.

The following reports can be printed:

- **Last transmission:** press **Confirm** to start printing.
- **Fax activities:** press **Confirm** to start printing.

Service

Provides a list of reserved information on the printer for the use of field engineers. A password has to be entered to consult the information which is only available to field service.

CONFIGURING THE PRINTER TO RECEIVE FAXES

In the Fax mode, the printer is set to respond automatically to all calls.

If faxes are configured to be replied to manually, incoming calls must be replied to personally from an additional telephone, and you must enter the code * * on the telephone (or the personal code entered from the Toolbox application) to receive the fax.

The printer is able to distinguish automatically between fax calls and telephone calls, using one of the reception modes configured as described below.

Setting Reception Mode

The reception mode establishes whether or not the printer is to answer incoming calls.

To set the reception mode, switch on the printer and wait until it comes online.

Press the **Menu** key on the keyboard, select the option "**Reception**" and then select the mode from: **AUTOMATIC**, **MANUAL**, **PHONE/FAX** or **ANSWERING DEVICE/FAX**.

The modes available are:

- **AUTOMATIC** (default setting): The printer is set to reply automatically to all calls.
This setting must be changed if an external device, additional telephone or answering device is connected.
- **MANUAL:** The call is always received by the telephone. If, on replying, the user recognises that the call is a fax, it can be diverted to the printer by entering the chosen code (default code is * *) on the numeric pad of the additional phone (if Remote has been chosen for Fax Configuration in the Toolbox application).
Note: If an additional telephone is connected to the printer, the Reception Mode setting should be MANUAL.
- **PHONE/FAX:** After a certain number of rings (modifiable selecting **Toolbox > Settings > Fax settings > Installation > Reception**), the printer connects to the telephone line and is able to detect if the incoming call is a fax or voice call. In case of a voice call, the printer's ring tone changes (after the default number of rings), and it rings for the time defined by Fax/tel timer (modifiable selecting **Toolbox > Settings > Fax settings > Installation > Reception**), to allow the call to be answered. If the call is not answered, it returns to the printer. In the case of a Fax call, the fax is received and printed.



- **ANSWERING DEVICE/FAX:** The answering device must be connected to the printer. In this Reception mode, the number of rings preceding intervention of the answering device (see the answering device's manual), must be less than that (modifiable selecting **Toolbox > Settings > Fax settings > Installation > Reception**) after which the incoming call is received by the printer; in this way the answering device receives the line first. Even when the call is answered by the answering device, the printer modem is able to recognise if it is a Voice or Fax call. In the case of a Voice call it does not intervene, otherwise it receives and prints the fax.
Note: If an answering device is connected to the printer, the Reception mode selected must be the ANSWERING DEVICE/FAX.

SENDING A FAX

Faxes can be sent in a number of ways:

- From the keyboard
- Using the automatic document feeder
- From the computer, see "Using the Printer with a Computer".

Sending a Fax From the Keyboard

- 1 To send a fax, switch on the printer, check that it is connected to the telephone line and wait for it to come online.
- 2 Place the original on the scanner glass, press the **Start colour fax** or **Start B/W fax** key to scan the document using the scanner, and load it into memory.
While the document is being scanned, the message "**SAVING PAGE**" appears on the display.
Note: When sending a colour document, make sure that recipient is able to receive colour faxes.
- 3 When scanning completes, the display prompts you to scan other pages.
- 4 Press the  key to scan another page, or the  key to terminate the scanning phase and send the fax.
- 5 Enter the telephone number of the fax device to which you want to send the fax, using:
 - The alphanumeric keypad (manual send); at the end press the **Start fax** key.
 - The phone book, selecting the number from the list of numbers present (automatic send with phone book); at the end press the **Start fax** key.

Sending a Fax Using the Automatic Document Feeder

- 1 To send a fax, switch on the printer, make sure that it is connected to the telephone line and wait until it comes online.
- 2 Place the document (or documents) in the automatic document feeder.
- 3 Enter the fax number of the recipient using the alphanumeric keypad on the keyboard, or call up the number from the phone book, then press the **Start fax** key.
Note: When sending a colour document, make sure first that the contact is able to receive colour faxes.
- 4 The printer automatically scans all the pages present in the automatic document feeder, and sends them to the destination fax.

PRINTING FAX REPORTS

Printing fax activity reports can be activated from the printer keyboard by pressing the **Menu** key and selecting **Print report** using the **Navigator**.

The printer proposes two printing possibilities on the display:

- **Last transmission:** Press **Confirm** to print.
- **Fax activities:** Press **Confirm** to print.

The last transmission report is also printed automatically whenever a transmission fails.

You can change the report printing settings from the computer by selecting **Toolbox > Settings > Fax settings**, and choosing between: Always, Failed (default setting), Never.

The fax report provides a printout of the fax journal, made up of a list of 42 items, relating to the fax activities. The journal is printed automatically for every 32 operations executed.

Fax Report for Power Failure

If a power failure occurs, any messages which have been saved are lost. When the printer is next switched on, an activity report is printed with the date and time of the power failure, and indicating the presence of any documents in memory. The correct date and time must be re-entered.

MODIFYING FAX SETTINGS: RESOLUTION AND CONTRAST

You can adjust fax resolution by pressing the **Fax quality** key.

The following options are available: **Normal**, **Fine** and **Photo**, for both **B/W** and **Colour** modes.

For example, when sending a document such as a photo, the resolution must be set as either **Fine** or **Photo**.

You can also modify the resolution while a multiple-page document is being scanned. The change takes effect from the next page printed after the modification.

MODIFYING RING TYPE ON RESPONSE (RING DISTINCTION)

The printer emits sounds by means of its ring, buzzer and internal speaker.

You can change the volume for each of these:

- **Ring volume:** this is the ring of the telephone or the Answering device/Fax (the printer has recognised an incoming Voice call and redirects it to the telephone. This function is only active in Phone/fax mode).
- **Volume buzzer:** signals a reception or transmission error.
- **Volume speaker:** can be used to hear the line tone when dialling the number. (This option is disabled in the default settings.)

These 3 volumes can be changed **only** from the **Toolbox** application.

USING THE PHONE BOOK

When you press the **Phone book** key, the display shows the last fax number used.

To search for a given name, press the **Phone book** key again. The first number in the list is displayed. You can now:

- Scroll through the numbers entered using the **Navigator** and, when you find the name you are looking for, start the call by pressing on the **Start colour fax** or **Start B/W fax** key.

Alternatively:

- Press the numeric key associated with the initial letter of the name present in the phone book. Use the **Navigator** to scroll to the name you are looking for and press the **Start colour fax** or **Start B/W fax** key to call the number.

Note: To call up a name beginning with the letter A, you must press key 2 once only; to call up a name beginning with the letter C, you must press the key 2 three times.

This same method must be used for the other letters in the alphabet present on the alphanumeric keypad.

3 USING THE PRINTER WITH A COMPUTER

BEFORE YOU BEGIN

THE PRINTER STATUS MONITOR

THE TOOLBOX

PRINTING, COPYING AND SCANNING FROM THE TOOLBOX

PRINTING FROM AN APPLICATION

SCANNING A DOCUMENT FROM AN APPLICATION

PRINTING PHOTOS

FAX SETUP FROM THE TOOLBOX APPLICATION

SENDING A FAX USING THE COMPUTER

BEFORE YOU BEGIN

This chapter provides the basic information necessary to use the printer connected to a computer. For more information on the functions available, consult the User Guide by selecting **Start > Programs > Olivetti**.

Other information can be obtained by selecting **Help** in the dialogue boxes.

Before you begin:

- 1 Make sure that the printer and computer are connected correctly, and that the CD software has been installed successfully on the computer as indicated in the **Installation Guide** supplied with the printer.
- 2 Load the paper on which to print.
- 3 Make sure that the out-of-ink indicators on the front panel are switched off. If either is not, you are advised to replace the corresponding ink cartridge. See "Replacing the Ink Cartridges" for more information.

THE PRINTER STATUS MONITOR

The printer Status Monitor provides information on the current printer status. It is installed when you install the software contained on the "Installation" CD.

The Status Monitor displays automatically at the beginning of a print or copy job:

- A graphical representation of the percentage of the print or copy job already completed.
- The number of pages already printed, or copied, out of the total number of pages in the job.
- A graphical representation of the estimated amount of ink, as a percentage, still available in the colour and black cartridges.
- The possibility to cancel the print or copy job.
- The address of the manufacturer's web site where you can access information on purchasing new ink cartridges.

The Status Monitor closes automatically at the end of a print or copy job, but you can close it at any time.

If you close the Status Monitor during a print or copy job, it is automatically redisplayed.

- When the printer is in the out-of-ink or almost out-of-ink conditions. A coloured exclamation mark indicates the cartridge in a low-ink condition (colour, black, or both), and the relative percentages. Pop-ups are displayed with the address of the manufacturer's web site where you can access information on purchasing new ink cartridges.

The printer Status Monitor also displays an error pop-up when:

- One or both cartridges are missing.
- The scanner unit is raised.
- The keyboard is closed and a print or copy operation is started.
- The printer runs out of paper.
- A paper jam occurs.
- An incorrect paper size is detected.
- The printer is busy with another task.
- The printer is not recognised.
- The ink cartridge carriage is jammed.
- The printer is not working (system error).

The pop-up windows displayed also allow you to choose whether you want to continue printing or to cancel the print operation.

THE TOOLBOX

The Toolbox application allows you to print, copy, scan, send and receive faxes, from a single window on the computer screen.

From the Toolbox main screen, you can:

- Print images and make copies.
- Scan documents, choosing beforehand the destination.
- Check the amount of ink left in the cartridges installed.
- Access a **Solutions and Assistance** facility where you can:
 - Clean and test the ink cartridge nozzles.
 - Automatically align the ink cartridges to improve print quality.
 - Find the address of the manufacturer's web site, where you can access information on purchasing new ink cartridges.
 - Access troubleshooting and maintenance information.
 - Print a test page.
- Access the **Settings** function.

PRINTING, COPYING AND SCANNING FROM THE TOOLBOX

To access the Toolbox:

- 1 Select with your right mouse button the Olivetti icon in the Windows task bar and run the **Toolbox** application, or select **Start > Programs** or **All Programs > Olivetti > Olivetti Toolbox**. The Toolbox main screen is displayed.

Note: In the Mac OS X environment, the **Toolbox** program is available by clicking on the icon present on the desktop, or by selecting it from the list of programs installed.

The main area of the Toolbox contains icons representing the different tools available.

Icon	You can:
Print photos	<ul style="list-style-type: none">• Browse the hard disk or memory of the non-PictBridge/DPOF digital camera connected to the computer to find the folder containing the photos to print.• Select all the photos stored in the folder, or just the individual ones you want, and indicate the number of copies to print of each.• Choose the type and size of the paper.• Specify if the photos are to be printed on a single page, two to a page or four to a page.• Print a photo index.• Print the selected photos.
Photocopier	<ul style="list-style-type: none">• Define the type of document to be copied.• Choose the type and size of paper to print on.• Define the copy quality.• Lighten or darken the copy, and select colour or black and white.• Select the layout for the printed copy: scan multiple pages and print them on a single page; make poster format copies indicating the number of pages over which to fit the image, clone the image the number of times required without resizing, or simply print the image on a single page. Not all types of layout are available if the copy operation is executed with the document to be copied loaded onto the automatic document feeder.• Enlarge or reduce the document or photo to be copied, or automatically adjust its size so that it fits onto the paper size selected. Note: Not all the functions for modifying the image size or selecting different layouts are available when the documents for copying are loaded onto the automatic document feeder.• Select the number of copies to make.

Icon	You can:
Scan to file Scan to application Scan to email Scan to fax	<ul style="list-style-type: none"> • Scan a preview of the document or photo placed on the scanner glass. • Use selection handles to delimit the area of the preview image to scan. • Rotate, flip, enlarge or reduce the preview image. • Define the type of document to be scanned, and whether it is in full-colour, shades of grey or black and white. • Define the resolution, colour depth, brightness and contrast of the image to be scanned. <p>Note: When documents are loaded onto the automatic document feeder, pages can be scanned one at a time, or all pages in sequence.</p> <p>Depending on the tool selected:</p> <ul style="list-style-type: none"> • Scan to file, save the scanned image in TIFF (.tif), bitmap (.bmp) or JPEG (.jpg) formats in a computer folder • Scan to application, send the scanned image of the document or photo to an application of your choice (such as a graphics program, word processor or desktop publisher). • Scan to email, save the scanned image of the document or photo in compressed .jpg format, and attach it to an e-mail message opened by the default e-mail application on the computer. • Scan to fax, save the scanned image of the document or photo in compressed.jpg format, and send it to the fax application of your choice.

The Toolbox main screen also provides links to Help, Solutions and Assistance, and Settings.

Link	You can:
Help	<ul style="list-style-type: none"> • Read more information on the topic currently displayed on the computer.
Solutions and Assistance	<ul style="list-style-type: none"> • Clean and test the ink cartridges. • Automatically align the ink cartridges. • Find the address of the manufacturer's web site, where you can access information on purchasing new ink cartridges. • Access troubleshooting and maintenance information.
Settings	<ul style="list-style-type: none"> • Modify the default settings of all the functions available.

PRINTING FROM AN APPLICATION

- 1 With the document or photo open in the application you are using, select **File > Print** to open the **Print** dialogue.
- 2 Select **Preferences** or **Properties**, depending on the operating system.
The printer driver user interface screen is displayed from which you can use the multifunction printer, as indicated in the following table.

Preferences/Properties:	You can:
Paper/quality	<ul style="list-style-type: none">• Select manually the composition of the document to print: only black text or graphics, a combination of black text, colour graphics and photos, photos only; or set automatic detection of the original as a combination of black text, colour graphics or photos.• Select the type and size of the paper to use.• Define the size in inches or millimetres of any custom-sized paper to use.• Select printing without borders when coated paper, glossy paper or postcard format is set.• Specify manual paper loading when printing in banner format. Single sheet feeding is also recommended when loading envelopes, labels and iron-on transfers.• Select the print quality required.• Set printing in photo quality when photographic paper is loaded and Photo is selected as the document type; the printer will require a longer printing time.• Print multiple page documents in reverse order, starting last page first. The selection can be cancelled.• Specify if the image must be printed in Portrait or Landscape (the printer rotates the image as required).• Specify whether to print in B/W or in colour, depending on the original document.• Define the number of copies to print, and if printing order is last page first.• Restore the settings to their default values, or save the settings so that they can be applied to the next print operation.
Layout	<ul style="list-style-type: none">• Set printing of each page of the document, or photos, on a single sheet.• Set printing of multiple pages on a single sheet, inserting 2, 3, 4 or 8 pages of the document, or photos, on a single sheet of paper.• Define the order in which the multiple pages will be inserted on the single sheet of paper, and whether or not to insert a border around each image on the single sheet of paper.• Set printing of multiple pages in poster format, expanding the contents of a single page over more than one sheet of paper.• Define the number of sheets on which to print the selected poster image, and whether or not to insert a border around each image composing the poster.• Restore the settings to their default values, or save the settings so that they can be applied to the next print operation.
Ink levels	<ul style="list-style-type: none">• Display the estimated quantity of ink left in the black and colour cartridges.• Find a direct link to the Toolbox and, selecting Solutions and Assistance, access maintenance and troubleshooting information.• Find a direct link to the address of the manufacturer's web site, where you can access information on purchasing new ink cartridges.

Setting Print Preferences from the Computer

When printing a document or a photo, you can choose between several modes:

- **SPEED:** high print speed with low resolution, with savings in ink cartridges.
- **NORMAL:** average print speed and resolution, this is the best compromise with regards to print speed when printing text and graphics. Printing detailed photos or images is not recommended.
- **PHOTO:** low print speed with high resolution. Recommended for printing photos.
- **HIGHEST RESOLUTION:** low speed combined with a print quality comparable to that guaranteed by photo laboratories. This option is only active when you choose **Manual** paper feeding and **Photo** for both document type and paper type.

SCANNING A DOCUMENT FROM AN APPLICATION

- 1 Place the document on the scanner glass or, if it consists of multiple pages, on the automatic document feeder.
- 2 Scan the image from the application you are using.
When the document is placed on the scanner glass, the scanner driver user interface is displayed with a low resolution preview of the document on the left of the screen, and you can customise the settings to be used for scanning.

Scanner Driver	You can:
Standard	<ul style="list-style-type: none">• Define the composition of the document to be scanned: black text and graphics only, a combination of black text, colour graphics and photos, or just photos.• Return settings to their default values, or save the settings so they are applied to the next print job.
Custom	<ul style="list-style-type: none">• Select the scanning resolution.• Set full-colour scanning at 24 bits/pixel, scanning in grey shades at 8 bits/pixel or in B/W at 1 bit/pixel.• Lighten or darken the image to be scanned.• Increase or decrease the contrast of the image to be scanned.• Return the settings to their default values, or save the settings so they are applied to the next print job.

Note: If the documents are loaded onto the automatic document feeder, the preview function is not available, and you cannot customise the scan settings.
Depending on the application you are using, you may be able to choose to scan pages singly, or the whole document sequentially.

PRINTING PHOTOS

- 1 Open the **Toolbox** application to access the functions for improving image quality.
- 2 Select **Print photos** to apply a correction filter.
- 3 Choose the computer folder that contains the photos to print.
- 4 Select the photos you want to print, applying to each your chosen image enhancement filter: the effect of the filter on the image can be seen in the **Toolbox** preview frame on the left of the screen.

The filters available are:

- contrast enhancement
 - border sharpening
 - white balance
 - recovering old images
(old photos with faded colours can be scanned and then processed by this filter)
 - printing with sepia tonality
 - red eyes correction
- 5 Select **Print** to open the dialogue for choosing the print mode and size.
The images are printed, applying the settings indicated.

FAX SETUP FROM THE TOOLBOX APPLICATION

The **Toolbox** application (installed with the product software) allows you to control closely all the principal functions carried out in fax mode. To access the fax configuration environment, select **Toolbox > Settings > Fax settings**.

Fax settings opens a drop-down menu listing the settings possible, divided in:

- **Fax settings**
- **Installation (Setup and Reception)**
- **Service**.

Fax Settings

The options available are:

- **Sleep time:** set the time period after which the printer enters in energy saving mode.
- **Phone book:** enter a maximum of 10 names into the phone book, identifying each with a position number, telephone number and name.
- **Date and time:** enter the date and time. These can also be transferred from the computer connected to the printer.

Installation

The settings available include:

- **Name** and **Number** of fax sender.
- **Language** to be used in command interface.
- **Paper size** to use for printing and managing faxes received in different sizes to that of the paper loaded for printing.
- Use the colour ink cartridge also for printing in black when the ink level in the black cartridge is low (**black trichromic**).
- **Format** of date and time.

The other settings are: **Setup** and **Reception (*)**.

Configuration

Note: To confirm the settings chosen, select **INSTALLATION** followed by **Send setting**.

Telephone line configuration requires these settings:

- **Line type**
 - **Public:** Managed by national telecommunications provider.
 - **Private (PBX):** Managed by an exchange, in turn connected to one or more public lines, that routes and connects the internal (private) lines without the need to use the public telephone network. Selecting the private line, only telephone numbers on the internal phone line are enabled.
- **Line mode:** Tone or pulse. Select dialling mode.
- **PBX flash:** Choose this setting when the printer is connected to a private exchange (PBX) that supports FLASH pulses, and you want to send faxes using the public phone line only.
- **Caller ID:** Allows you to display the caller's name or telephone number. This functionality must be requested from the telephone network provider.
- **Remote:** If you choose Manual as Reception mode because an external phone is connected to the printer, or to the phone line, you can enable the fax to receive the incoming document by entering the (default) code * * on the numeric pad of the telephone.
- **Line Monitor:** Enables the printer speaker to transmit the telephone line tones.
- **Fax header:** The document sent contains also the sender's name and telephone number, the time, date and number of pages. You can also define the positioning for the header.
- **Error correction mode:** Errors caused by interference on the telephone line can be corrected.
- **TX report:** This is only printed if transmission fails (default), never or always.
- **TX speed:** 33600 bit/sec. is the default setting. The transmission speed can be reduced for phone lines not supporting this speed.
- **Volume buzzer** and **Volume speaker:** Can be set from 0 to 8.

Reception (*)

- **Ring Volume:** Set from 0 to 8.
- **Number of rings:** The printer modem listens on the telephone line and responds only after the number of rings configured; its subsequent behaviour depends on the Reception mode (*) chosen.
- **Distinctive ring:** Must be selected if two telephone numbers are active on the same line. The telephone exchange assigns two different ring tones that the printer is able to recognise during the installation procedure (this setup cannot be used in France).
- **Fax/tel timer:** For the Tel/Fax reception mode, allows you to set the length of time after which the printer receives the call as a fax. From 15 to 40 seconds can be set.

(*) The RECEPTION MODE must be selected during printer installation by following the instructions given below.

To configure reception, switch on the printer and wait until it comes online.

Press the **Menu** key on the fax keypad and choose the Reception mode: **AUTOMATIC, MANUAL, PHONE/FAX** or **ANSWERING DEVICE/FAX**.

AUTOMATIC Mode (Default setting)

The printer is enabled for receiving and printing faxes. You must change this setting if an external telephone or answering device is connected.

MANUAL Mode

The call is always received by the telephone. If, on replying, the user recognises that the call is a fax, it can be diverted to the printer by entering the chosen code (the default code is * *) on the numeric pad of the additional phone (if Remote has been chosen for Fax setup in the Toolbox application).

Note: If an additional telephone is connected to the printer, the Reception mode selected must be MANUAL.

PHONE/FAX Mode

After a certain number of rings (modifiable selecting **Toolbox > Settings > Fax settings > Installation > Reception**), the printer connects to the telephone line and is able to detect if the incoming call is a fax or voice call.

In the case of a voice call, the printer's ring tone changes (after the default number of rings), and it rings for the time defined by Fax/tel timer (modifiable selecting **Toolbox > Settings > Fax settings > Installation > Reception**), to allow the call to be answered. If the call is not answered, it is returned to the printer. In the case of a fax call, it is received and printed.

ANSWERING DEVICE/FAX Mode

The answering device must be connected to the printer.

In this Reception mode, the number of rings preceding intervention of the answering device (see the answering device's manual), must be less than that (modifiable selecting **Toolbox > Settings > Fax settings > Installation > Reception**) after which the incoming call is received by the printer; in this way the answering device receives the line first. Even when the call is answered by the answering device, the printer modem is able to recognise if it is a Voice or Fax call. In the case of a Voice call it does not intervene, otherwise it receives and prints the fax.

Note: If an answering device is connected to the printer, the Reception mode selected must be ANSWERING DEVICE/FAX.

Service

Reserved information is provided on the fax module for use by service engineers. The list contains the hardware and software adjustment data for the printer

Note: The data listed must not be changed. To be used exclusively by the field engineering service.

SENDING A FAX USING THE COMPUTER

A fax can be sent from the Toolbox application, either placing the originals on the scanner glass or in the automatic document feeder, and then using the Send Fax from File function.

Sending a Fax From the Scanner Glass Using the Toolbox Application

- 1 From the **Toolbox** application, select **Scan to fax**.
Raise the scanner glass cover and place the document or the photo on the glass, with the side to be scanned face down. Make sure that the upper left corner of the document or photo is aligned with the upper left corner of the scanner glass.
- 2 The scanner driver interface is automatically displayed on the computer screen, and provides a low resolution preview of the image (the number of pixels in the image are indicated below the preview). If necessary, modify the characteristics of the previewed image to obtain the final image you desire using the special tools available (for example, rotate image, flip image along the vertical/horizontal axes, enlarge or reduce image).
- 3 Open the **Standard** tab and select the scan settings:
 - **Type:** select the type of document to be scanned and select the appropriate button: **Text** (black text or graphics), **Mixed** (a combination of black text, colour graphics or photos) or **Photo** (colour photos only).
 - **Colour:** select the colour scale of the document or the photo to be scanned and select the appropriate button: **Colour** (scan in full colour at 600 dpi), **Grey** (scan in grey shades at 300 dpi) or **B/W** (scan in black and white at 150 dpi).
- 4 Open the **Custom** tab and select the scan parameters:
 - **Resolution:** select the scan resolution from the pull-down list.
The following resolution is available: 200 dpi.
Note: To send a document in fax mode, it is not necessary to use high resolutions.
 - **Colour depth:** from the pop-up, select the number of colours that are represented by the number of bits. The following values are available: 1-bit, 8-bit or 24-bit (B/W, grey shades, colour).
 - Adjust the **Brightness** and **Contrast** of the document or the photo to be scanned. Move the brightness cursor towards the right to lighten the image or towards the left to darken it. Move the contrast cursor towards the right to increase contrast, or towards the left to reduce it.
In both cases, a central position corresponds to a medium setting.
 - Select the **Descreen** check box (remove background) to activate a filter for making the background of the image uniform, for example, when scanning the pages of a newspaper.

- 5 Select **Scan** to scan the document or photo.
- 6 At the end of scanning, a pop-up appears prompting you to **scan other pages**. Select **No** to end scanning or **Yes** to continue, scanning other pages.
- 7 When scanning of the document to be sent terminates (or the pages comprising it), the screen displays:
 - the settings relative to the fax send mode, if the **Fax Office Line** printer has been set as the default printer in the default parameters of the Toolbox application.

- or
- the possibility of choosing the fax device to which to send the scanned document.
 - 8 Select the **Fax Office Line** printer and confirm with **OK**. Open the **Fax settings** tab.
 - 9 Complete the dialogue with the fax settings, entering the details you want for the various fields. The destination fax number is the only obligatory field which permits the fax to be sent.

The following information can be entered into the fields for sending the fax:

- Contact's Name and Surname
- Company
- Fax number
- Title.

You can also use the Windows address book to store, recall and modify contact details.

Note: If a name has been entered into the **Phone book**, it can be recalled selecting it from the address book.

Other options available are:

- Fax cover page.
- Message to be sent to contact.
- Print faxed document.

Note: Select **Default** (default settings) if you wish to restore the initial Toolbox application settings.

- 10 Open the **Quality** tab:
 - Set the fax quality, choosing between:
 - **Photo, Normal** and **High** for B/W mode.
 - **Photo** and **High** for colour mode.
 - Set the contrast level using the sliding cursor.

- 11 Send the fax with the settings just entered. The document is sent to the destination fax.

Sending a Fax From the Toolbox Application Using the Automatic Document Feeder

- 1 From the Toolbox application, select the option **Scan to fax**.
Place the document (or documents) in the automatic document feeder.
Note: For more information, see "Loading Paper Onto the Automatic Sheet Feeder".
- 2 The scanner driver interface is automatically displayed on the computer screen, providing a low resolution preview of the image (the number of pixels in the image are indicated below the preview).
- 3 Two buttons under the preview allow you to choose whether to scan all pages of the document in sequence, or one page at a time.

- 4 If you have chosen to scan the document **one page at a time**, select the scan settings available from:
 - **Type:** select the type of document to be scanned and press the appropriate button: **Text** (only black text or graphics), **Mixed** (a combination of black text, colour graphics or photos) or **Photo** (colour photos only).
 - **Colour:** select the colour scale of the document or photo to be scanned and press the appropriate button: **Colour** (full-colour scan), **Grey** (scan in grey shades) or **B/W** (scan in black and white).
 - **Resolution:** from the pull-down list, select the scan resolution: When sending a document by fax, high resolutions are unnecessary.
 - **Brightness** and **Contrast:** move the brightness cursor towards the right to lighten the image or towards the left to darken it. Similarly, move the contrast cursor towards the right to increase the contrast, or towards the left to reduce it. In both cases, a central position corresponds to a medium setting.
 - 5 If necessary, modify the appearance of the preview to obtain the type of image desired using the various tools provided (for example, flip the image along vertical or horizontal axes, rotate it clockwise or anti-clockwise, enlarge or reduce it).
 - 6 Select **Scan** to execute final scanning of the document.
 - 7 At the end of scanning, a pop-up appears prompting you to **scan other pages**. Select **No** to end scanning, or **Yes** to scan other pages.
If you have chosen to scan all the pages in sequence, the tools for modifying the preview are disabled, and the pages of the document are scanned without interruption.
 - 8 When scanning of the document (or pages comprising it) completes, the screen displays:
 - the settings relative to the fax sending mode, if the **Fax Office Line** printer has been defined as the default printer in the default parameters for the **Toolbox** application.
- or
- the choice of fax devices to which to send the document obtained from scanning.
- 9 Select the **Fax Office Line** printer and confirm with **OK**; then open the **Fax settings** tab.
 - 10 Complete the dialogue with the fax settings, entering the details you want for the various fields. The destination fax number is the only obligatory field required for the fax to be sent.

The following information can be entered into the fields for sending the fax:

- Contact's Name and Surname
- Company
- Fax number
- Title.

You can also use the Windows address-book to store, recall and modify contact details.

Note: If a name has been entered into the **Phone book**, it can be recalled selecting it from the address book.

Other options available are:

- Fax cover page.
- Message to be sent to contact.
- Print faxed document.

Note: Select **Default** (default settings) if you wish to restore the initial Toolbox application settings.

- 11 Open the **Quality** tab:
 - Set the fax quality, choosing between:
 - **Photo**, **Normal** and **High** for B/W mode.
 - **Photo** and **High** for colour mode.
 - Set the contrast level using the sliding cursor.
- 12 Send the fax with the settings entered. The document is sent to the destination fax.

Sending a Fax from a File

- 1 Open the file stored on the computer using the appropriate application.
- 2 From the application, open the Print menu and select the **Fax Office Line** printer.
- 3 Select **OK** to open the Fax settings tab.
- 4 Complete the dialogue with the fax settings, entering the details you want for the various fields. The destination fax number is the only obligatory field, necessary for sending the fax.

The following information can be entered into the fields for sending the fax:

- Contact's Name and Surname
- Company
- Fax number
- Title.

You can also use the Windows address book to store, recall and modify the contact's details.

Note: If a name has been entered into the **Phone book**, it can be recalled by selecting it from the address book.

Other options available are:

- Fax cover page.
- Message to be sent to contact.
- Print faxed document.

Note: Select **Default** (default settings) if you wish to restore the initial Toolbox application settings.

- 5 Open the **Quality** tab:
 - Set the fax quality, choosing between:
 - **Photo, Normal** and **High** for B/W mode.
 - **Photo** and **High** for colour mode.
 - Set the contrast level using the sliding cursor.
- 6 Send the fax with the settings entered. The document is sent to the destination fax.

4 INK CARTRIDGES

CHECKING INK LEVELS

REPLACING THE INK CARTRIDGES

ALIGNING THE INK CARTRIDGES

MANAGING INK CARTRIDGES IN FAX MODE

USING THE PHOTO INK CARTRIDGE

CHECKING INK LEVELS

You can check the cartridge ink levels directly from the printer front panel, the printer and scanner drivers, the Toolbox application and the Status Monitor.

From the printer front panel:

- When the black or colour indicators begin to flash, the levels in the ink cartridges **are getting low**.
- When the indicators are on steadily, the printer is in the **almost out-of-ink** condition and replacement of the ink cartridge is recommended.

From the printer driver:

- 1 With a document open in the application you are using, select **File > Print**. The **Print** dialogue is displayed on the screen.
- 2 Select **Preferences** or **Properties**, depending on the operating system. The printer driver user interface is displayed on the screen.
- 3 Select the **Ink Levels** tab: the two ink level indicators indicate the estimated amount of ink left in the cartridges, expressed as a percentage.

From the Toolbox application:

- 1 Open the Toolbox application from the Olivetti icon in the task bar or on the desktop, or otherwise select **Start > Programs** or **All programs > Olivetti > Olivetti Toolbox**. The Toolbox main screen appears.
- 2 Select **Solutions and Assistance**.
- 3 Select **Select > New ink cartridges**. In the **New ink cartridges** dialogue, the ink level indicators show the estimated amount of ink left in the cartridges, expressed as percentages.

From the scanner driver:

When you scan a document or photo, the ink level indicators appear in the bottom part of the window, indicating the estimated amount of ink left in the cartridges, as percentages.

From the Status Monitor:

When a print or copy operation is executed from the computer, the printer Status Monitor is displayed on the screen. The window displays print information and the level of ink left in the cartridges. For more information, see "The Printer Status Monitor".

Information Required for Purchasing New Ink Cartridges

To guarantee the correct operation of the printer and a high print quality, use exclusively original Olivetti ink cartridges. Use the following product order codes when purchasing ink cartridges:

- Black ink cartridge, order code **B0631 - IN701**
- Tri-colour ink cartridge, order code **B0632 - IN703**
- Photo ink cartridge, order code **B0633 - IN705**
- High-capacity black ink cartridge, order code **B0628 - IN702**
- High-capacity, Tri-colour ink cartridge, order code **B0629 - IN704**
- High-capacity, photo ink cartridge, order code **B0630 - IN706**

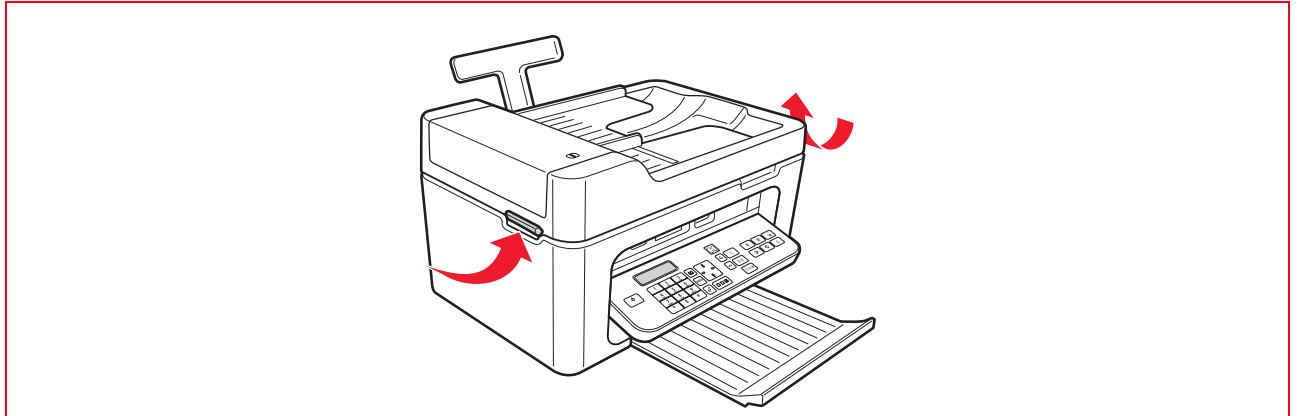
CAUTION: The cartridges can be used once only.

REPLACING THE INK CARTRIDGES

It is recommended that you use only original ink cartridges. Print quality cannot be guaranteed, nor is there guarantee cover for problems arising from the use of non-original accessories, parts or components.

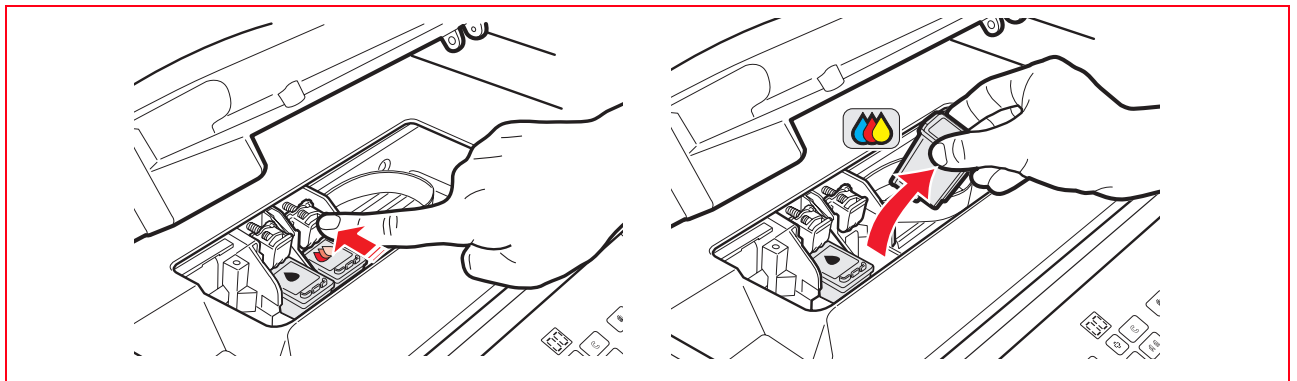
CAUTION: Before carrying out the procedures listed in this section, read and follow carefully the information on safety standards contained in this guide.

- 1 Switch on the printer.
- 2 With **both hands** raise the upper part of the printer.
The support lever automatically blocks the upper part of the printer in the open position. The carriage moves to the centre of the printer to facilitate cartridge insertion.

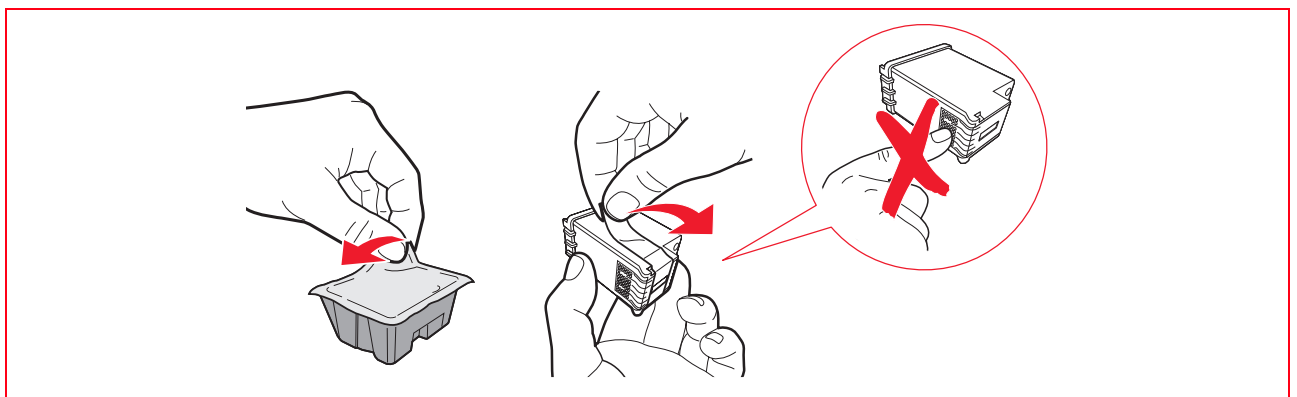


- 3 Press the lever to remove the ink cartridge you want to replace.

CAUTION: The black (or photo) cartridge must always be inserted into the carrier on the left, the colour cartridge in the carrier on the right.

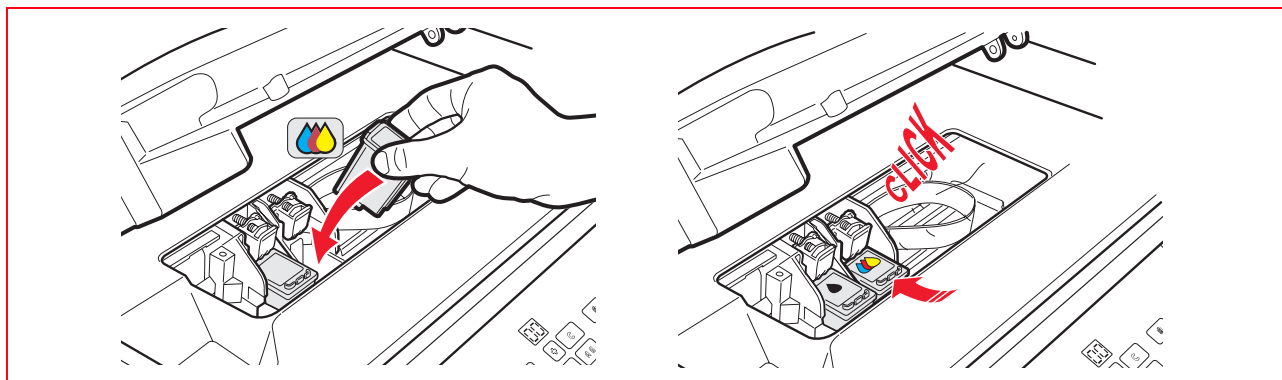


- 4 If the cartridge removed is to be reused in the future place it in the storage/protection garage for black and photo ink cartridges, located inside the printer.
- 5 When installing a new cartridge, remove the protection tape on the cartridge.

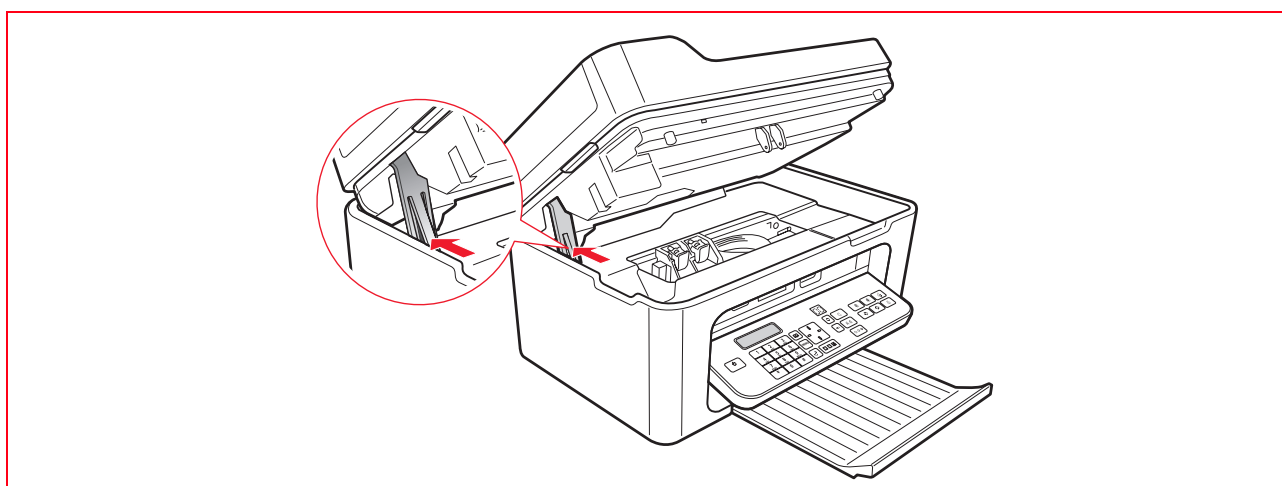


Note: This procedure illustrates how to replace a colour cartridge, however the same procedure applies for replacing black and photo cartridges.

- 6 Insert the new cartridge, pressing it towards the back of the printer until it clicks into place.



- 7 Lift the upper part of the printer and move the support lever. Lower the upper part of the printer until it is completely closed.



- 8 The printer automatically executes ink cartridge alignment, and ends printing a test page. Load an A4 sheet of paper and wait for printing to complete.

ALIGNING THE INK CARTRIDGES

The ink cartridges are aligned automatically by the printer whenever a new cartridge is installed. However, it is necessary to manually align the cartridges when the printed characters are not well-defined, or when lines appear wavy. Alignment can improve print quality even after having cleaned the ink cartridge nozzles.

Aligning the Ink Cartridges from the Toolbox Application

Open the **Toolbox** application from the Olivetti icon present in the task bar or by selecting **Start > Programs** or **All programs > Olivetti > Olivetti Toolbox**. The main screen of the Toolbox application is displayed.

- 1 Select **Solutions and Assistance > Print the Alignment Page**.
- 2 Select **Print**.
- 3 When the alignment page is printed, the ink cartridges are aligned.
- 4 Select **Close** to return to the Toolbox application main screen.

MANAGING INK CARTRIDGES IN FAX MODE

When the black cartridge is almost out of ink, printing in black can be achieved using the colour cartridge (black trichromatic).

With this feature, you are able to receive a fax even if the black ink has run out. It is suggested that you replace the black ink cartridge with minimum delay.

When you install the new black cartridge, fax printing is automatically reconfigured to print using both the cartridges again (black and colour).

To manually set up how cartridges are managed in fax mode, use the **Toolbox** application from the computer (select **Toolbox > Settings > Fax settings**).

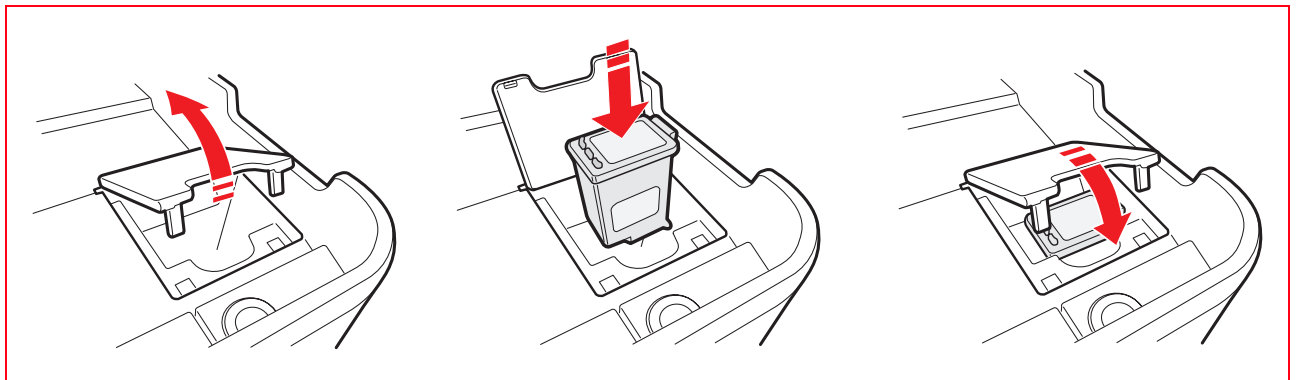
USING THE PHOTO INK CARTRIDGE

The photo cartridge is used together with the colour cartridge to achieve the best results when printing photos. For normal printing operations in B/W and in colour, you should use the colour cartridge with the black cartridge.

The printer contains a storage/protection garage where you can store the black or photo ink cartridge when it is not in use.

To replace ink cartridges:

- 1 With both hands raise the upper part of the printer.
- 2 Remove the cartridge you want to replace.
- 3 Open the lid of the storage/protection garage.
- 4 Insert the cartridge into storage/protection garage with the nozzles pointing downwards, and the contacts facing right.
- 5 Close the lid of the cartridge in the storage/protection garage by gently pressing it downward.
- 6 Insert the new cartridge into the printer. For more information, see "Replacing the Ink Cartridges".
- 7 Lift the upper part of the printer and move the support lever. Lower the upper part of the printer until it is completely closed.



5 MAINTENANCE AND TROUBLESHOOTING

CLEANING THE PRINTER

CLEANING THE INK CARTRIDGE NOZZLES

TROUBLESHOOTING

FAX ERROR MESSAGES

ERROR CODES PRINTED ON THE FAX REPORT

CLEARING PAPER JAMS

CLEANING THE PRINTER

CAUTION: Do not clean the inside of the printer and do not use stain removers, acetone-based products, liquid or aerosol cleaners. Doing so could damage the printer case and scanner glass.

- 1 Clean the printer casing using a soft dry cloth, or one moistened with warm water, to wipe dust, dirt or smears off the outer case of the printer only.
- 2 Clean gently the white underside of the scanner glass cover with a soft dry cloth, or one moistened with warm water.
- 3 Clean the scanner glass with a soft cloth moistened with warm water or with a glass cleaning solution.

CLEANING THE INK CARTRIDGE NOZZLES

Clean the nozzles when:

- White or colour lines appear on the printouts.
- Colours are faded, or do not print in parts or at all.
- Vertical lines in printout are jagged.

To clean the nozzles:

- 1 Make sure the printer is loaded with A4 paper. See "Loading Documents onto the Automatic Document Feeder".
- 2 Open the Toolbox application from the Olivetti icon in the task bar, or select **Start > Programs** or **All programs > Olivetti > Olivetti Toolbox**. The main screen of the Toolbox application is displayed.
- 3 Select **Solutions and Assistance**.
- 4 Select the "**Clean and test the nozzles**" option
- 5 Select **Print**.
The printer automatically cleans the nozzles and prints a test page.
- 6 At the end, select **Close** to return to the Toolbox main screen.

TROUBLESHOOTING

Problems When Installing the Printer

Before reading this section:

- 1 Make sure **the printer is properly connected to a working grounded electrical outlet** compliant with the printer's power requirements (100 - 240 Vac, 50 - 60 Hz), and that it is switched on.
- 2 If the printer is connected to a computer, make sure that both the printer and the computer are switched on.
- 3 These operating systems are supported: Microsoft Windows 2000 (Service Pack 4 or later), XP (Service Pack 2 or later) or Vista, also MAC OS X 10.2, OS X 10.3 or OS X 10.4.

Problem	Possible Reason	Corrective Action
The printer does not switch on.	<ul style="list-style-type: none">• The power cable is not connected correctly to the printer and/or to the electrical outlet.• The electrical outlet is not working.	<ol style="list-style-type: none">1 Make sure that both ends of the cable are connected correctly2 Make sure that the grounded electrical outlet is working.
You have inserted the "Installation" CD into the computer drive and the installation program does not start automatically.	<ul style="list-style-type: none">• An operating system incompatible with the CD software may be running on the computer.	<ol style="list-style-type: none">1 Use the Windows CD for Windows 2000/XP/Vista, or the MAC CD for MAC OS X 10.2, OS X 10.3 or OS X 10.4.

Problem	Possible Reason	Corrective Action
	<ul style="list-style-type: none"> Automatic execution of the CD is disabled The computer cannot find setup.exe on the CD. 	<ul style="list-style-type: none"> In Windows environment: <ol style="list-style-type: none"> 1 Remove and re-insert the installation CD in the drive with the label facing upwards. 2 Select Start > Run > Browse. 3 Find the identifier of the CD drive and select Open. 4 Select Setup > Open. The file setup.exe is displayed in the dialogue. 5 Select OK and follow the instructions displayed. In Macintosh environment: <ol style="list-style-type: none"> 1 Switch on the computer and insert the MAC Installation CD in the drive. 2 Select the CD icon to start the software installation and follow the instructions provided on the screen.
The printer name is not available selecting File > Print from an application. The printer does not appear in the Printer folder in the Windows control panel.	<ul style="list-style-type: none"> The printer driver has not been installed correctly. 	<ol style="list-style-type: none"> 1 Close all open applications. 2 Remove the printer software installation. 3 Reinstall the printer software as instructed in the "Setting Up Your Printer" guide, or as indicated in the step above.
When the printer is connected to the computer with the USB cable but cannot be used.	<ul style="list-style-type: none"> The computer has not found one of the printer drivers. 	<ol style="list-style-type: none"> 1 Remove the printer software. 2 Reinstall the printer software. 3 Connect the printer to a USB port
When the printer is connected to a computer with the USB cable, "New hardware device" is not displayed on the computer screen.	<ul style="list-style-type: none"> The USB cable is not connected correctly between the printer and the computer. 	<ol style="list-style-type: none"> 1 Switch the printer off and disconnect the USB cable from both devices. 2 Reattach the USB cable to the two devices following the instructions in the "Setting Up Your Printer" guide. Switch on the printer first, followed by the computer.
	<ul style="list-style-type: none"> The printer driver has not been installed correctly. 	<ol style="list-style-type: none"> 1 Remove the printer software. 2 Reinstall the printer software. 3 Connect the printer to a USB port.

Problems Switching on the Printer

Problem	Possible cause	Corrective Action
The printer does not turn on when the On/Off key is pressed on the keyboard.	<ul style="list-style-type: none"> The power cable is not properly attached to the printer and/or to a working electrical outlet. 	<ul style="list-style-type: none"> Unplug the power cable from the printer and from the electrical outlet and then plug it back.

Problem	Possible cause	Corrective Action
Some LEDs are illuminated on the printer front panel.	<ul style="list-style-type: none"> • Specific printer error indicated by the LED. 	<ul style="list-style-type: none"> • Make sure that the electrical outlet is working by attaching another appliance that you know works into it, then switch on the appliance. • Proceed with the corrective action for the corresponding LED that is illuminated.

Printing, Copying and Scanning Problems

Problem	Possible cause	Corrective Action
The print command of the application is not active.	<ul style="list-style-type: none"> • The printer is not set as the default printer. • The printer is not properly connected to the computer. 	<ul style="list-style-type: none"> • In Windows environment: <ol style="list-style-type: none"> 1 Select Start > Settings > Printers and fax. 2 Select with your right mouse button the icon of the printer required and select Set as default. • In Macintosh environment: <ol style="list-style-type: none"> 1 Reinstall the software provided with the printer, and check the printing settings and the spooler of the Mac OS X system. 1 Switch off the printer and computer, then unplug the USB cable from these two devices. 2 Reattach the USB cable, then switch on the printer first followed by the computer.
The printing stops in the middle of a print job.	<ul style="list-style-type: none"> • The paper is jammed. 	<ol style="list-style-type: none"> 1 Clear the paper jam. See "Clearing Paper Jams". 2 Select Cancel to remove the error condition. The print job restarts from the next page.
The black and/or colour cartridge is completely missing.	<ul style="list-style-type: none"> • The protective tape has not been removed from the black and/or colour cartridge. 	<ul style="list-style-type: none"> • Remove the protective tape and reinsert the cartridge.
Horizontal lines are printed.	<ul style="list-style-type: none"> • The cartridge is temporarily not working. 	<ul style="list-style-type: none"> • Clean the cartridges. See "Cleaning the ink cartridge Nozzles".
The printed characters are not properly defined.	<ul style="list-style-type: none"> • The cartridges are no longer aligned. 	<ul style="list-style-type: none"> • Align the cartridges from the computer. See "Aligning the Ink Cartridges from the Toolbox Application".
A completely white or black copy has been printed.	<ul style="list-style-type: none"> • Faulty Contact Image Sensor. 	<ul style="list-style-type: none"> • Contact technical support.

FAX ERROR MESSAGES

The printer display normally indicates the date and time and informs the user on the current fax activities. Messages that appear do not obstruct normal operation of the printer and can be displayed until the next time the fax module is used. To clear the message displayed, press the **Cancel** ("C") key on the printer keyboard.

Messages During Transmission

Message	Description
TX INTERRUPTED	<ul style="list-style-type: none">The user has interrupted the transmission in course by pressing the Cancel key.
TX NOT POSSIBLE	<ul style="list-style-type: none">The scanner is already busy with other operations, for example, from the computer. Wait until the operations in course on the printer complete before scanning the new document to be sent by fax.
TX MEMORY FULL	<ul style="list-style-type: none">The memory available on the fax is full because too many documents have been scanned, and it is not possible to store other documents. Send the documents present in memory by fax, or delete them.
TX ERROR	<ul style="list-style-type: none">This is displayed at the end of a failed fax transmission. Try to send another document by fax.

Messages During Reception

Message	Description
RX INTERRUPTED	<ul style="list-style-type: none">The user has interrupted the reception in course by pressing the Cancel key.
RX ERROR	<ul style="list-style-type: none">This is displayed at the end of a failed fax reception. Try receiving another document by fax.
MEMORY FULL	<ul style="list-style-type: none">The memory available on the fax is full because many documents have been received. If this type of error occurs, a generic error code appears on the fax report. Print the documents received which are in memory, or delete them if unwanted.

General Messages

Message	Description
EMPTY	<ul style="list-style-type: none">No data is present in the fax memory. This is displayed when, for example, you try to print inexistent fax reports, or when you access the phone book but no information is found stored in it.
ILLEGAL SETTING	<ul style="list-style-type: none">Error setting the date and time. Repeat data entry making sure to enter valid values.
FAX NOT WORKING	<ul style="list-style-type: none">Warning displayed during the diagnostics phase at printer start-up. Indicates that the fax module is malfunctioning. When this message appears, switch the printer off and on again. If the problem persists, call technical support.
PRINTER ERROR	<ul style="list-style-type: none">Generic error in printer module. One possible reason may be that the ink is exhausted in one of the cartridges installed, paper is missing in the feeder, a paper jam etc.). For more information, check the LEDs on the printer front panel or, if connected to a computer, use the Status Monitor to search for any error messages.

ERROR CODES PRINTED ON THE FAX REPORT

Error codes are automatically printed on the fax transmission and activity reports.

Transmission Report Error Codes

The error codes printed on the fax transmission report consist of **2-digits** indicating the reason for the error, and a brief description to help understanding.

Code	Message	Description	Action Required
00	OK	No error.	No action required. The fax has been sent correctly.
03	RECEIVER DOES NOT ANSWER	The recipient is not replying to the call or is not a fax.	Make sure that the recipient's number is correct.
04	ERR. WHILE TRANSMITTING RESEND FROM PAGE nn	An anomaly has been detected during transmission. "nn" indicates the number of the page where the error occurred.	Repeat the transmission starting from the page indicated on the report.
06	LINE BUSY	The line is busy.	Retry when the line is free.
09	STOP PRESSED	Transmission has been interrupted	No action.
14	ERR. WHILE TRANSMITTING	During fax transmission an error has occurred, or the recipient has interrupted fax reception.	Try to resend the fax or make sure that the recipient consents to receiving the fax.
15	RETRY B/W	You are trying to send a colour document but the recipient is not able to receive it	Resend the fax selecting black and white mode (B/W).

Activity Report Error Codes

The error codes printed on the fax activity report include both the transmission error codes described above, and the reception error codes listed below.

The error codes are represented by **2-digits** that indicate the reason for the error. For reasons of space, the fax report gives only the 2-digit code without any description.

Code	Message	Description	Action Required
10	RX ERROR	An error occurred during fax reception, or the sender interrupted fax transmission.	Ask sender to resend fax.
11	MEMORY FULL	The memory available on the fax is full because many documents have been received.	Print the documents received and present in the memory, or delete them, if they are not wanted.

CLEARING PAPER JAMS

- 1 Take firm hold of the jammed paper and pull it out gently from the place where it is jammed. If the paper tears, make sure you remove all the torn pieces from the printer.
- 2 To cancel an error condition occurring during a print or copy operation, press the corresponding button illuminated on the keyboard to restart printing from the next page. If an error occurs during fax reception, press the **Cancel** ("C") key to restart printing from the page that caused the error.

6 TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS

PRINTER SPECIFICATIONS

COPIER SPECIFICATIONS

SCANNER SPECIFICATIONS

FAX SYSTEM SPECIFICATIONS

PAPER SPECIFICATIONS

GENERAL SPECIFICATIONS

General Specifications

Keyboard	<ul style="list-style-type: none">• Display consisting of two lines of 16 characters each.• Fax keypad with 10 numeric dialling keys, * key and # key.• Four keys for fax functions: Phone book, Fax quality, Start colour fax or Start B/W fax.• Menu, Navigator and Confirm keys to configure and modify fax settings, use the Phone book and print reports.• Four key functions: Start printing, Start B/W copy, Start colour copy, Start scanning with computer.• One key for selecting print and copy quality.• 2-digit display showing the number of copies set using the +/- keys.• Cancel key to terminate the operations under way, and clear any error conditions.• On/Off key.
LEDs	<ul style="list-style-type: none">• One green colour LED that indicates USB connection.• Four LEDs that indicate errors related to paper, colour cartridges, black cartridges and photo cartridges.• One LED to indicate that the memory contains a received fax to be printed, or a fax transmission or reception error.
Automatic sheet feeder	<ul style="list-style-type: none">• Can contain approx. 100 sheets of A4 80 g/m² paper.• Approx. 10 envelopes, 30 postcards, 20 adhesive sheets.• 20 transparencies, 20 pages of photo paper.
Automatic document feeder	<ul style="list-style-type: none">• Can contain approx. 35 sheets of A4 80 g/m² paper.• Paper sizes: A4, Legal, Letter, A5.
Memory size	<ul style="list-style-type: none">• Read Only Memory (ROM): from 2 MB.• Random Access Memory (RAM): from 32 MB.
Dimensions and weight	<ul style="list-style-type: none">• Height: 24 cm• Width: 44 cm• Depth: 35 cm• Weight: 8.5 kg
Power supply unit	Autoranging external universal power supply unit, model CWT PAA060P.
Input voltage	100 - 240 Vca, 50-60 Hz, 1.7 A max. grounded.
Output voltage	30 Vdc, 2 A.
Connectivity	<ul style="list-style-type: none">• High-speed USB 2.0 on the rear of the printer for connecting a personal computer.• PictBridge-compliant USB 1.1 on front panel for connecting a digital camera.
Temperature ranges	<ul style="list-style-type: none">• Operating: 15 °C to 35 °C• Storage: -5 °C to +45 °C• Transportation: -15 °C to +55 °C

General Specifications

Humidity ranges	<ul style="list-style-type: none">• Operating: 15% to 85%, non-condensing.• Storage: 15% to 85%, non-condensing.• Transportation: 5% to 95%, non-condensing.
Software and documentation	<ul style="list-style-type: none">• Printer and scanner driver (WIN/MAC).• Toolbox Application program (WIN/MAC).• User documentation (WIN/MAC).• Additional software (WIN).
Minimum requirements for computer connected	Operating system: Microsoft Windows 2000 (Service Pack 3 or later), XP (Service Pack 2 or later), Vista or MAC OS X 10.2, 10.3, OS X 10.4 RAM: <ul style="list-style-type: none">• 256 MB for Windows 2000/XP (recommended 512 MB).• 512 MB for Vista (recommended 1 GB) Free hard disk space: 500 MB.

PRINTER SPECIFICATIONS

Printer Specifications

Printing technology	Bubble ink-jet.
Printing system	With the following ink cartridges: <ul style="list-style-type: none">• Tri-colour (cyan, magenta, yellow)• Black• Tri-colour photo. For printing photos, replace the black cartridge with the photo cartridge (sold separately).
Print resolution	<ul style="list-style-type: none">• Up to 4800 dpi optimised.
Margins	Borderless on all types of special ink-jet paper.
Direct printing mode	Available from: <ul style="list-style-type: none">• Photo Index.• PictBridge/DPOF-compatible devices.• Compatible devices (USB pen or drive).

COPIER SPECIFICATIONS

Copier Specifications

Resolution	<ul style="list-style-type: none">• Max. 1200 x 1200 dpi
Copy mode	<ul style="list-style-type: none">• In stand-alone mode<ul style="list-style-type: none">– 100%, fit to page.– Paper type/speed: plain and photo paper.– Contrast adjustment: light, normal, dark.• From the Toolbox application:<ul style="list-style-type: none">– Reduction/enlargement from 25% to 400%, clone mode, poster mode (only if document is placed on scanner glass).
Maximum number of copies	<ul style="list-style-type: none">• Up to 99.

SCANNER SPECIFICATIONS

Scanner Specifications

Type	Flatbed, CIS (Contact Image Sensor).
Optical Resolution	<ul style="list-style-type: none">• Up to 1200 x 1200 dpi• Interpolation: up to 9600 dpi
Max. scan area	215 mm (width) x 297 mm (length).
Compatibility	<ul style="list-style-type: none">• Twain and WIA supported.
Functionality	<ul style="list-style-type: none">• Scan to file• Scan to email• Scan to application• Scan to fax.

FAX SYSTEM SPECIFICATIONS

Fax Specifications

Send fax	<ul style="list-style-type: none">• The fax functions can be accessed from both the keyboard and the computer.• Send a colour or B/W fax.• Compatibility with the G3-ITU T30 E standard.• Speed 33.6 Kb/sec with auto fall back.• Coding method for files in formats: MH, MR, MMR and JPG.• RX Mode: Automatic, Manual, Answering device/Fax, Phone/Fax.
Call	<ul style="list-style-type: none">• In automatic or manual.
Transmission mode without using a computer	<ul style="list-style-type: none">• Manually from the scanner, with automatic sheet loading using the automatic document feeder.• Activity and confirmation reports.• Fax CCITT/ITU Group 3 with error correction mode.

Fax Specifications

Liquid Crystal Display (LCD)	<ul style="list-style-type: none">• Display consisting of two lines of 16 characters each.
Functions available	<ul style="list-style-type: none">• Print fax activity reports.• Print reports in the case of power failures.
Fax memory capacity	<ul style="list-style-type: none">• Over 150 pages (Slerexe letter)• 15 colour pages
Telephone functions	<ul style="list-style-type: none">• Automatic reception, manual reception, phone/fax, Answering device/fax.• Acoustic signal possible in the case of telephone call for phone/fax reception mode.
Connection to a computer	<ul style="list-style-type: none">• Transmission from the computer• Set up from Toolbox application• Phone book entry.
Additional functions	<ul style="list-style-type: none">• Report printing: TX transmission activity and power failure.• Print settings from Toolbox application, or from the printer keyboard in stand-alone mode.• On/Off key disabled if documents are present in memory.• Phone book for 100 contacts, and search function.• Automatic function for using black trichromic printing when less than 5% of the ink is left in the cartridge.

PAPER SPECIFICATIONS

Paper Types Supported

Paper Type	Paper Weight	Maximum Feeder Capacity
A4 Plain paper	From 70 to 80 g/m ²	100 sheets
A4 Plain paper	From 80 to 90 g/m ²	Over 50 sheets
A4 Coated paper	From 100 to 170 g/m ²	50 sheets
A4 Transparency (with white stripe or protective sheet)	170 g/m ²	20 sheets (manual feeding is recommended).
A4 Photo paper	From 160 to 280 g/m ²	20 sheets
A4 Glossy paper	From 160 to 180 g/m ²	20 sheets
A4 Iron-on transfer paper	From 150 to 180 g/m ²	5 sheets
A4 ink-jet labels	From 80 to 110 g/m ²	20 sheets (manual feeding is recommended).
A4 Banner paper	From 80 to 90 g/m ²	20 sheets for banners, manual feeding
10x15 cm Note Cards	From 130 to 280 g/m ²	20 cards
10x15 cm and 13x18 cm Photo paper	From 170 to 280 g/m ²	20 sheets
Envelopes	From 75 to 100 g/m ²	10 envelopes (manual feeding is recommended).

Note: The maximum thickness for A4 size paper is 250 g/m².

Paper Formats and Sizes Supported

Format	Size
A4	8.27 x 11.7 in. (210 x 297 mm)
A5	5.85 x 8.27 in. (148.5 x 210 mm)
US Letter	8.5 x 11 in. (216 x 279 mm)
US Legal	8.5 x 14 in. (216 x 356 mm)
US Executive	7.25 x 10.5 in. (184 x 267 mm)
US Folio	8.5 x 13 in. (215.9 x 330.2 mm)
US Statement	5.5 x 8.5 in. (139.7 x 215.9 mm)
B5	7.2 x 10.1 in. (182 x 256 mm)
4x6" cards	4 x 6 in. (102 x 152 mm)
5x8" cards	5 x 8 in. (127 x 203 mm)
A6	4.135 x 5.85 in. (105 x 148.5 mm)
13 x 18 cards	5.12 x 7.09 in. (130 x 180 mm)
Index cards	3 x 5 in. (76.2 x 127 mm)
Hagaki card	3.9 x 5.8 in. (100 x 148 mm)
L	3.5 x 5 in. (89 x 127 mm)
2L	5 x 7 in. (127 x 177.8 mm)
US # 10	4.12 x 8.85 in. (105 x 225 mm)
C5 envelope	6.38 x 9.0 in. (162 x 229 mm)
DL envelope	4.33 x 8.66 in. (110 x 220 mm)
C6 envelope	4.46 x 6.37 in. (114 x 162 mm)
B6	4.92 x 6.93 in. (125 x 176 mm)
B5 envelope	6.93 x 9.84 in. (176 x 250 mm)
Monarch	3.875 x 7.50 in. (98.43 x 190 mm)
Chokei 3 envelope	4.72 x 9.25 in. (120 x 235 mm)
Chokei 4 envelope	3.54 x 8.0 in. (90 x 205 mm)
Chokei 40 envelope	3.54 x 8.8 in. (90 x 225 mm)
Karugata 3 envelope	8.5 x 11 in. (216 x 277 mm)
Karugata 4 envelope	7.75 x 10.5 in. (197 x 267 mm)
Karugata 5 envelope	7.47 x 9.44 in. (190 x 240 mm)
Banner (A4)	8.27 x 223.8 in. (210 x 5938 mm)

Note: All the sizes listed above are automatically detected by the printer. Sheets of other formats can be used by entering their sizes in the appropriate print and copy driver dialogues (customised print format).

