

Dear Customer,

The fax machine you have purchased enables you to use other corded and cordless telephones with it. It also offers features to simplify its installation and convenient use. Below you will find some of the most important functions:

SENDING FAX MESSAGES

To send a fax message longer than one page you can place one page at a time in the document feeder. If your machine has an integrated answering device, it is also possible to receive fax messages into memory in case you run out of thermal paper. Stored messages are printed as soon as you have loaded a new thermal paper roll.

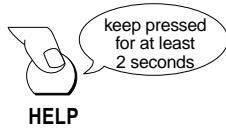
USE OF ADDITIONAL (CORDLESS) TELEPHONES

Your fax machine will support other additional devices including corded and cordless telephones. If you have answered an incoming call, you will have the opportunity to transfer the call from the cordless phone to the fax, or vice versa. Even after the integrated answering device has switched on, you have the possibility to answer the call from an additional telephone and switch off the answering device. Call transfer between cordless phones depends on the capability of the cordless phones themselves.

HELP KEY

To ensure you get the best from your machine it has a dedicated HELP key. When pressed, the machine prints an overview of all the basic operations of the fax machine.

EASY INSTALL



The help key will also guide you through the installation of your fax machine. Press and hold the HELP key for two seconds and a sheet will be printed out. Use this sheet together with the display prompts to aid the installation of your machine. Once you have gone through these steps the machine will automatically configure itself. Should you add an additional device at a later date, just go through EASY INSTALL again to verify them.

SERIAL/PARALLEL CONFIGURATION

Your fax machine is especially designed to operate with other telecom products such as cordless telephones, external answering devices and PC modems, connected to the same PTT line. When the fax machine is connected in SERIAL (i.e. phones are connected directly to the fax) it has full control of the behaviour of all other telephones connected to the line. Alternatively if the machine is connected in PARALLEL (i.e. phones are connected to other telephone sockets) it will have a limited control of all the other telephones. By using EASY INSTALL you will ensure that the connected phones will operate correctly in each configuration.

FAX SWITCH/TIMER ☺

The machine will automatically switch between DAY and NIGHT modes, an icon on the display will indicate the current status. The default settings are Night from 10 pm and Day from 6 am. You can of course change these settings to suit your own requirements.

DAY MODE ☀ AND NIGHT MODE ☺ (with/without built-in ANSWERING DEVICE ●●)

During DAY it is assumed that you want to be alerted to an incoming call. Dependent on the configuration fax messages will be received after one ring and you will be alerted to an incoming voice call. If the machine has an integrated answering device, the call will be answered after a few rings.

In NIGHT mode it is assumed that you do not want to be disturbed. If your machine does not have a built-in answering device it will ring at a reduced volume. However, if it has a built-in answering device, you have the choice not to be disturbed at all, as voice and fax calls can be received silently.

SAFETY INSTRUCTIONS

Important information for safe installation:

- Never connect your fax machine to the power supply or telephone socket during a thunderstorm.
- Never connect the telephone in damp rooms unless the wall sockets are specially designed for humid conditions.
- Never touch uninsulated telephone or power cables unless the telephone cable is disconnected from the telephone line and/or the power cable is disconnected from the power line.
- Never install the fax machine close to radiators or air conditioners.
- Place the fax machine on a flat surface and ensure a minimum clearance of 15 cm between the fax machine and other machines and objects.
- Make sure that your fax machine is stable and rests squarely on the supporting surface. Any fall can cause severe damage to the fax machine and/or injury to people, especially small children.
- Make sure that air circulates freely around the fax machine. Do not operate the fax machine in closed boxes, cupboards, cabinets etc. Leave a clear space of 10 cm around the ventilation grilles of the fax machine. Never cover the fax machine (tablecloths, paper, folders etc.). Do not place the fax machine on beds, tablecloths, cushions, sofas, carpets or other soft underlays due to the danger of overheating and subsequent fire.
- Ensure safe cable laying (danger of stumbling, damage to the cable or the fax machine).

Important information for safe operation:



Never expose your fax machine to rain or any other form of moisture, in order to prevent the risk of electric shock or fire.

In a thunderstorm, disconnect the fax machine from both the mains and the telephone line. If you are unable to disconnect the fax machine, do not use it and do not telephone due to the danger of lightning strike and/or damage to the device. The exception to this rule is the cordless telephone detached from its base station.

To prevent the risk of electric shock it is not allowed to open the flap on the bottom of the paper compartment. Opening the flap is strictly reserved to authorised service personnel.

- Please read all warning notices and instructions and follow them precisely.
- Avoid operating the fax machine in direct sunlight.
- Disconnect the fax machine from the mains and telephone line before cleaning the surface of the machine. Never use liquid or gaseous cleaning agents (sprays, scouring agents, polishes etc.).
- Never touch the power plug/socket or telephone socket with wet hands.
- Do not allow any liquid to enter the fax machine. Otherwise there is a risk of electric shock or other injury to people and severe damage to the fax machine. If any liquid does enter the fax machine, immediately remove the power plug and have the fax machine professionally inspected.
- Do not place any heavy object on the fax machine.
- Never block the ventilation openings of the fax machine.
- If the display breaks, a mildly corrosive liquid may leak out. Avoid contact with skin and eyes.
- In case of any damage caused to the housing of your fax machine in particular to power cables please remove the mains plug and call your service repair centre. The housing of your fax machine may only be opened by authorised service personnel.

Other instructions:

- If you have not connected your fax machine to the mains, it will not function at all—even for making telephone calls.
- If you notice a change in the performance of your fax machine or the quality of its functions, please call your service agent.



1 INTRODUCTION



2 INSTALLATION



3 BASIC FUNCTIONS



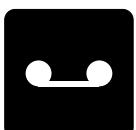
4 THE FAX SWITCH



5 THE TELEPHONE

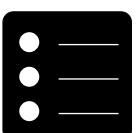


6 THE FAX



7 THE ANSWERING DEVICE

(only for fax machines with built-in answering device)



8 ADDITIONAL FUNCTIONS



9 TROUBLESHOOTING



10 APPENDIX

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FUNCTIONS

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SWITCH

THE TELEPHONE

THE FAX
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1 Introduction

Important information

Connection of your fax machine to the telephone line: your fax machine has been tested to conform with standards UL 1950, EN 60950 and IEC 950 and may only be operated on networks conforming to these standards.

Suppression: We hereby certify that the fax machine complies with EN 55022 VDE Part 1 Class B interference suppression.



***This equipment is not designed for making telephony calls when the power fails.
Alternative arrangements should be made for access to emergency services.***

Keep the power plug free and easily accessible. The machine has no power on/off switch, so the plug is used to switch off the power.

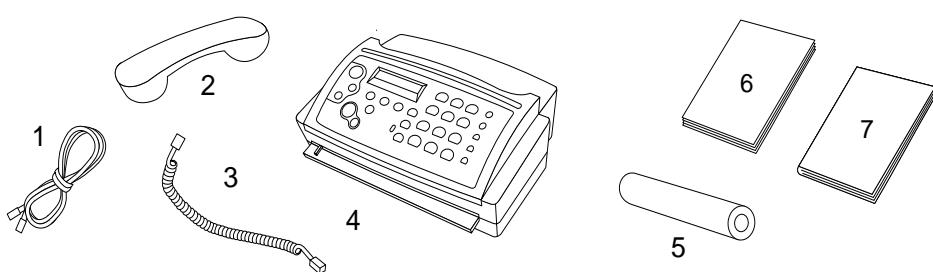
The fax machine has been built exclusively for operation in the country of purchase. It complies to local telephone company regulations and will not function correctly in other countries.

When copying or sending fax messages or during a long telephone conversation on an external telephone, the handset on the fax machine may become slightly warm. This is normal as the machine will not be in stand-by and will be consuming more energy.

In stand-by mode (the display shows time and date) your fax machine is automatically in energy saving mode!

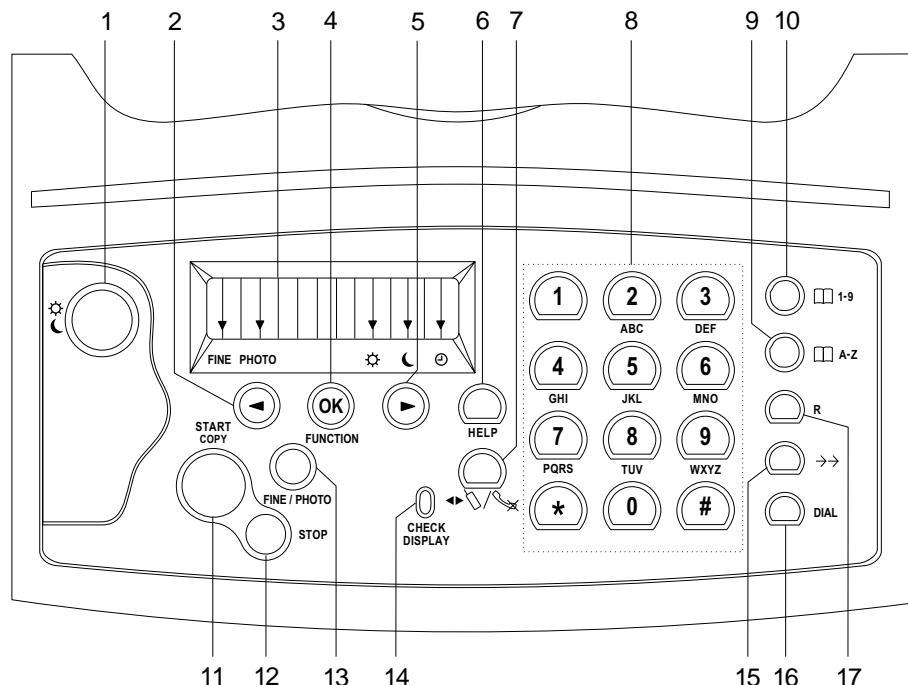
Overview of the machine

Check that the following items are included in the packaging:



- | | |
|--------------------------------------|---------------------------|
| 1 Telephone cable with plug | 5 Thermal paper roll |
| 2 Telephone handset | 6 User manual |
| 3 Spiral cable for telephone handset | 7 Easy Installation Guide |
| 4 Fax machine | |

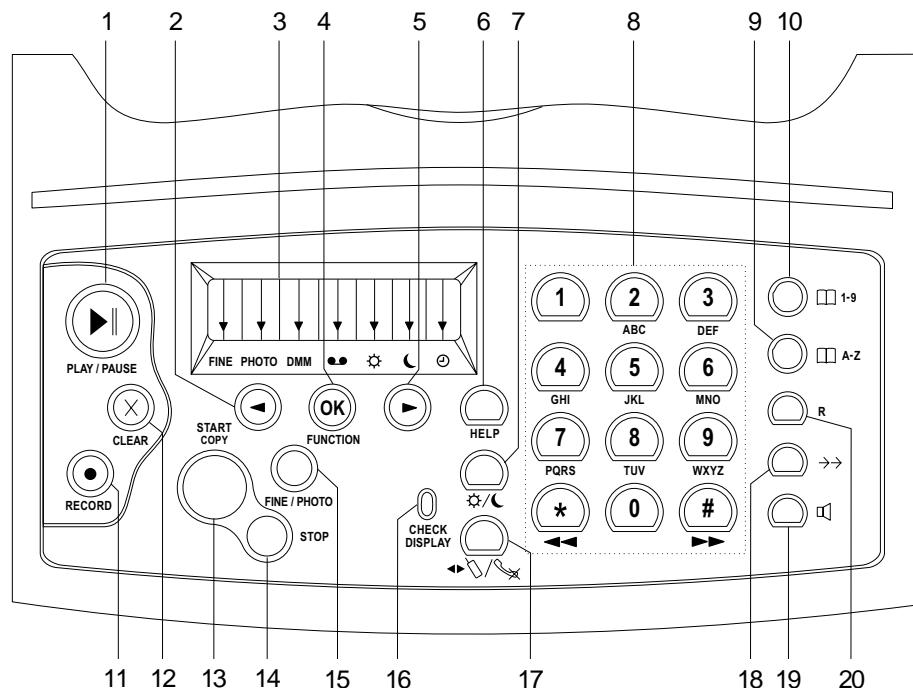
Location of controls for fax machines without built-in answering device



- 1 DAY/NIGHT/TIMER key: to select the different operation modes
Press **briefly**: to choose between DAY and NIGHT
Press and **hold** (at least for two seconds): to select the TIMER mode
(the precise settings must be made in function 31 DAY, 32 NIGHT or 33 TIMER—see chapter **4 The fax switch**)
- 2 CURSOR LEFT key:
Press **briefly**: to select options/to adjust the volume/to delete a character
Press and **hold** (at least for two seconds): to delete a complete line
- 3 Display: see chapter **1 Introduction**/Description of the machine
- 4 FUNCTION key/OK key: for calling up functions/to confirm entries/for rapid access to fax reports
- 5 CURSOR RIGHT key: to select options/to adjust the volume/to insert a space when entering a name
- 6 HELP key: Press **briefly**: printout of operating instructions for the most important functions
Press and **hold** (at least for two seconds): printout of an Easy Install guidance
- 7 MUTE/CALL TRANSFER key: if this key is pressed during a call, the microphone will be temporarily muted/this key is also used to transfer a call from the fax machine to an additional telephone connected in series to the fax machine
- 8 Dial pad for entering numbers and names
- 9 TELEPHONE BOOK key: Press **briefly**: to call up a name entry
Press and **hold** (at least for two seconds): to store a name entry
- 10 SHORT DIAL 1-9: Press **briefly**: to select a telephone number quickly
Press and **hold** (at least for two seconds): to store a telephone number
- 11 START/COPY key: to start transmission or to copy
- 12 STOP key: stops procedures
- 13 FINE/PHOTO key: to select a higher resolution when copying or sending (FINE—for text and graphics; PHOTO—for photographs)
- 14 Indicator lamp CHECK DISPLAY: if this lamp flashes, please read the message on the display
- 15 REDIAL key:
Press **briefly**: to repeat the last five numbers you have dialled/to make a dialling pause between two digits
Press and **hold** (at least two seconds): to switch over to the telephone numbers of the last 10 received calls *
- 16 DIAL key: for dialling without lifting the handset
- 17 R key: for special functions e.g.: for use with a private branch exchange (on a modern connection, for switching to another call) and for using various functions provided by your service provider (call waiting etc.)

* only possible, if this function is supported by your telephone service provider

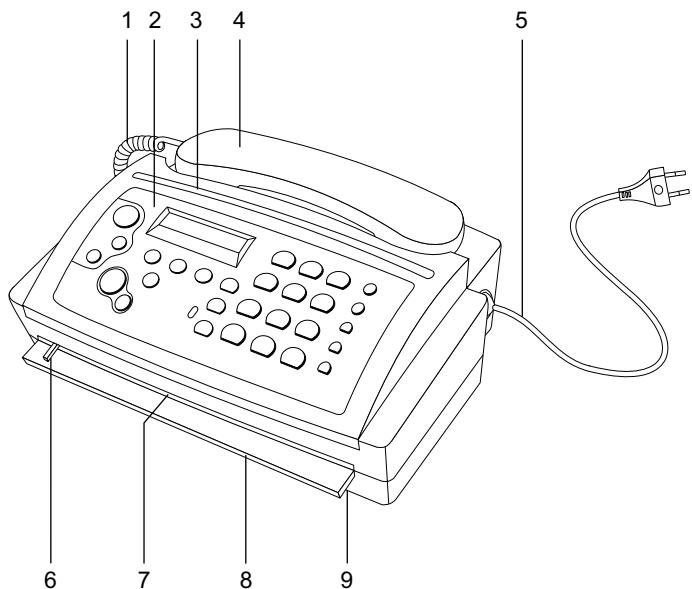
Location of controls for fax machines with built-in answering device



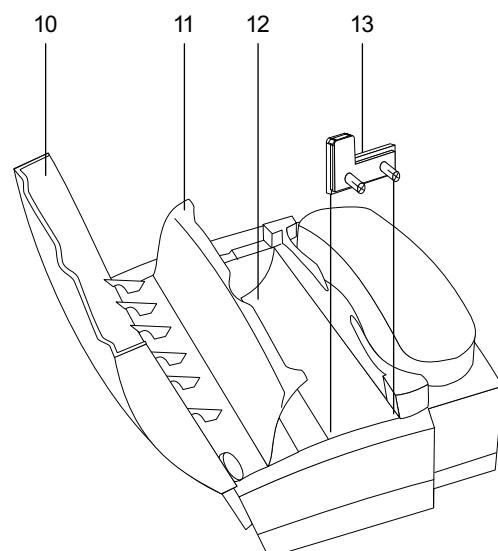
- 1 PLAY/PAUSE key: to play back messages. The key flashes when new messages have been recorded.
- 2 CURSOR LEFT key: Press **briefly**: to select options/to adjust the volume/to delete a character
Press and **hold** (at least for two seconds): to delete a complete line
- 3 Display: see chapter **1 Introduction**/Description of the machine
- 4 FUNCTION key/OK key: for calling up functions/to confirm entries/for rapid access to fax reports
- 5 CURSOR RIGHT key: to select options/to adjust the volume/to insert a space when entering a name
- 6 HELP key: Press **briefly**: printout of operating instructions for the most important functions
Press and **hold** (at least for two seconds): printout of an Easy Install guidance
- 7 DAY/NIGHT/TIMER key: to select the different operation modes
Press **briefly**: to choose between DAY and NIGHT
Press and **hold** (at least for two seconds): to select the TIMER-mode
(the precise settings must be made in Function 31 DAY, 32 NIGHT or 33 TIMER—see chapter **4 The fax switch**)
- 8 Dial pad for entering numbers and names
- 9 TELEPHONE BOOK key: Press **briefly**: to call up a name entry
Press and **hold** (at least for two seconds): to store a name entry
- 10 SHORT DIAL 1-9: Press **briefly**: to select a telephone number quickly
Press and **hold** (at least for two seconds): to store a telephone number
- 11 RECORD key: Press **briefly**: to play back your outgoing messages
Press and **hold** (at least for two seconds): to record a new outgoing message
- 12 CLEAR key: to delete messages and entries
- 13 START/COPY key: to start transmission or to copy
- 14 STOP key: stops procedures
- 15 FINE/PHOTO key: to select a higher resolution when copying or sending (FINE—for text and graphics; PHOTO—for photographs)
- 16 Indicator lamp CHECK DISPLAY: if this lamp flashes, please read the message on the display
- 17 MUTE/CALL TRANSFER key: if this key is pressed during a call, the microphone will be temporarily muted/this key is also used to transfer a call from the fax machine to an additional telephone connected in series to the fax machine
- 18 REDIAL key: Press **briefly**: to repeat the last five numbers you have dialled/to make a dialling pause between two digits
Press and **hold** (at least two seconds): to switch over to the telephone numbers of the last 10 received calls *
- 19 LOUDSPEAKER key: for dialling without lifting the handset and for hands-free operation
- 20 R key: for special functions, e.g. for use with a private branch exchange (on a modern connection, for switching to another call) and for using various functions provided by your Service Provider (call waiting etc.)

* only possible, if this function is supported by your telephone service provider

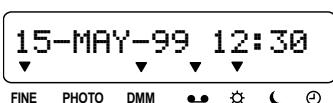
Description of machine



- 1 Spiral cable for the telephone handset
- 2 Operation panel
- 3 Document outlet
- 4 Telephone handset
- 5 Mains cable with power plug
- 6 Document guide
- 7 Document feed slot
- 8 Paper tear strip
- 9 Thermal paper outlet



- 10 Operation panel
- 11 Inner paper cover
- 12 Paper compartment
- 13 Paper adjustment part
(for 210 mm thermal paper rolls)



The pointers on the display indicate different modes:

FINE/PHOTO	indicates whether you are sending or copying with a higher picture quality or with grey tones. If neither are highlighted, then the standard resolution will be used. To change the resolution use the FINE/PHOTO key.
DMM *	is highlighted when the document memory contains faxes.
ANSWERING DEVICE *	Answering device and DAY mode pointers (function 31): are shown, when the answering device is switched on. Answering device and NIGHT mode pointers (function 32): in NIGHT mode the answering device is always switched on (i.e. the answering device arrow is always visible in NIGHT mode).
DAY/NIGHT/TIMER 	three different display pointers indicate the current operating mode. You can select the desired operation mode with the DAY/NIGHT/TIMER key.

* only for fax machines with built-in answering device

General view of functions

To keep the use of functions as simple as possible, they are grouped logically. You can print out a list of all functions:



FUNCTION
Press the FUNCTION key three times. Below please find an example
of a function list:

FUNCTION LIST 15-MAY-99 12:30				
1 INSTALLATION	2 FAX	3 FAXSWITCH	4 OTHERS	5 ANSWERING DEV.
11 SET LANGUAGE 12 SET TIME/DATE 15 DIAL MODE	22 POLLED REC.	31 DAY 32 NIGHT 33 TIMER 34 EASYLINK	41 FAX JOURNAL 42 DIALLING LIST 43 TRANSM. REPORT 44 RINGER TYPES 45 SERVICE CODE	51 RECORD. TIME 52 ACCESS CODE 53 VIP CODE 55 FORWARDING
CURRENT SETTINGS				
YOUR NAME: YOUR TEL. NO.: CONFIGURATION: SERIAL DIAL MODE: TONE PABX: NO DAY: FAX: QUICK TAM: SMART TOTAL RINGS: 5 TOLLFREE RINGS: 1 NIGHT: TAM: RING 3 TOTAL RINGS: 3 TOLLFREE RINGS: 0 TIMER DAY: 06:00-22:00 EASYLINK: FAX RECEPT.: *5 TRANSFER: *0 REL. LINE: ** ROM VERSION: V1.10 2A UK				

Below you will find a list of all functions with a short description. The setting of these functions is explained on the pages indicated.

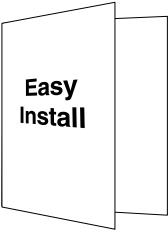
1 Setup	11 Set language 12 Set time and date 15 Dial mode	Select the language of the display text Setting time and date Setting the dial mode and for operation on an extension	11 11 10
2 Fax	22 Polled reception	You can call up fax messages	28, 29
3 Fax switch	31 Day 32 Night 33 Timer 34 Easylink	Setting the operating mode DAY Setting the operating mode NIGHT Setting the operating mode TIMER Setting three different codes for use with additional telephones	16, 17 18, 19 15 37, 38
4 Others	41 Fax Journal 42 Dialling list 43 Transmission report 44 Ringer types 45 Service code	Log of the last 10 documents received and sent Print out of stored names and numbers Automatic print out of transmission protocols Selection between five ringer types Deleting personal settings	28 38 28 12 43
5 Answering device (for fax machines with built-in answering device)	51 Recording time 52 Access code 53 VIP code 55 Forwarding	Setting for recording duration of calls Setting the code for the remote control of the answering device and for message forwarding Authorised callers can override the answering device Messages forwarded to another telephone number	31 35 34 33



2 Installation

This chapter contains specific information you might need during installation of your fax machine.

On the enclosed “**Quick and easy installation of your fax machine**” sheet you will find the basic installation elements, such as:



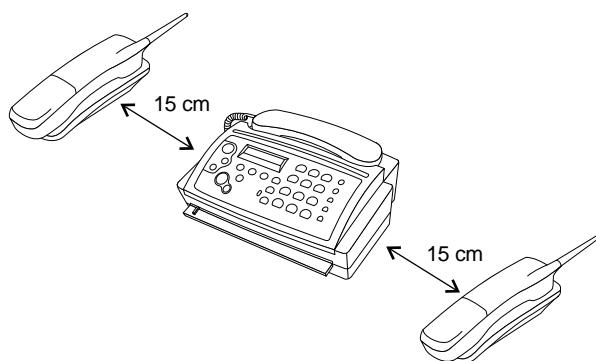
- ***the correct location***
- ***connecting to the telephone socket***
- ***connecting the spiral cable to the handset***
- ***connecting the handset to the fax machine***
- ***connecting to the power supply***
- ***connecting additional devices***
- ***loading and removing thermal paper and***
- ***the easy install function***



Please use the information from the “Easy Install” sheet to aid the installation of your machine!

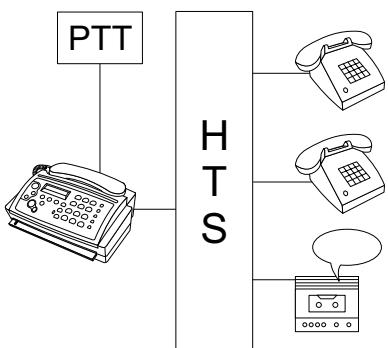
Location of the base station of a cordless telephone

If you attach a cordless phone to your fax machine you should place the base station at least 15 cm away from the machine. This should ensure that you do not experience any acoustic feedback from the handset. For fax machines with built-in answering device acoustic feedback may occur on your built-in answering device or whilst speaking hands-free.



Connecting to a home telephone system

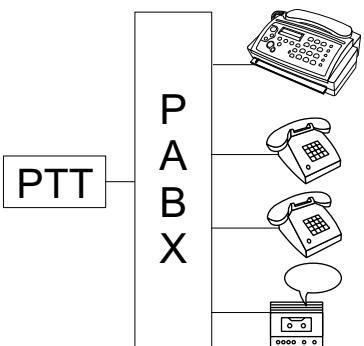
(one PTT line)



Connect the fax machine as the first device to the line and the home telephone system (HTS) like an additional device as second.

Connecting to a private branch exchange

(several PTT lines)



Connect the fax machine to an extension line of the private branch exchange (PABX). In order to operate your fax machine on an extension, you need to enter the appropriate settings in function 15.

Your fax machine does not support private branch exchanges, which need the earth signal to obtain an outside line. Please refer to your PABX manual.

Tone or pulse dialling/PABX setting

In function 15 you can both select tone or pulse dialling and whether or not you are connected to a private branch exchange.

Tone or pulse dialling

Your phone can dial in two different ways. Older telephone networks usually work with pulse dialling whilst modern, digital systems use tone dialling, which is the fastest dialling mode.

You can change the dialling mode of your fax machine. If you do not know which mode is supported by your telephone line, contact your telephone company.



If you cannot establish the desired telephone/fax connection to the called party, select a different dialling mode.



There are no general regulations for home telephone systems. Therefore we cannot provide you with generally valid operating rules. Refer to the operating instructions provided by the manufacturer.



*If your telephone network works on pulse dialling, you can still send tone signals by pressing the **(*)** key or the **(#)** key. All numbers are then transmitted in the tone dialling method. As soon as you replace the handset on the fax machine, your fax machine will switch back to pulse dialling.*

PABX setting

PABX systems are most common in large companies. They provide a kind of internal telephone network. In order to connect to the public network you must first dial an outside line.

 	Select function 15 by pressing the FUNCTION key and then choosing number 15.	15 DIAL MODE
 	Press the OK key.	DIAL MODE: TONE
	Press the CURSOR LEFT or CURSOR RIGHT key to select TONE or PULSE.	DIAL MODE: PULSE
 	Press the OK key.	PABX: NO
	Press the CURSOR LEFT or CURSOR RIGHT key in order to switch to operation on a PABX extension or regular line.	PABX: YES
 	Press the OK key.	OUTSIDE LINE: 0
 	Now enter the key that has to be pressed to obtain an outside line (outside line access code). This is either ①, the R key or another number. Some PABXs need this entry to be deleted with the CURSOR LEFT key (◀).	OUTSIDE LINE: R
 	Press the OK key.	CHECK: YES
 	Press OK. Your machine will then check that the outside line can be obtained.	CHECKING...
	... if the check is successful, the following message will appear briefly in the display:	CHECK OK
	... if the check is unsuccessful, the following message will appear briefly in the display:	CHECK NOT OK
	In this instance you will be asked to repeat the entry. Change either the dial mode or check the key for obtaining an outside line. However, if you have chosen the correct dial mode as well as the correct key and this message still appears, delete the key for obtaining the outside line by pressing the CURSOR LEFT key (◀).	



3 Basic functions



If you press a wrong key by mistake, press the STOP key as often as necessary to return to the original position.

Print out a function list before you change any of the settings (press the FUNCTION key three times) to keep a note of the factory settings.

Language of display and reports

You can select the language in which messages are displayed and reports are printed.

Select function 11 by pressing the FUNCTION key and then enter number 11.

11 SET LANGUAGE

Press the OK key.

LANGUAGE: ENGLISH

Select the **language required** using the CURSOR LEFT or CURSOR RIGHT key.

SPRACHE: DEUTSCH

Press the OK key to confirm.

15-MAY-99 12:30

Entering time and date

You can enter the current time and date. At the turn of the millennium your fax machine will switch automatically from 99 to 00.

Select function 12 by pressing the FUNCTION key and then enter number 12.

12 SET TIME/DATE

Press the OK key.

TIME: 00:00

Use the dialpad to enter time and date (e.g. **1 2 3 0** for 12:30).

TIME: 12:30

Press the OK key. Enter the correct year, month and day. Confirm each entry with OK (e.g. **9 9 OK 0 5 OK 1 5 OK**).

15-MAY-99 12:30



If you want to delete your individual settings, select function 45 "Service code" (see chapter 9 Troubleshooting/Service code).

Entering your number and name

If you send a fax "your name" and "your telephone number" will be transmitted at the top of each page (the first 4 mm) together with the date, time and page number.



If you want to enter or change "your name" and "your number", press the HELP key for at least two seconds and do the Easy Install procedure again.

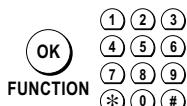
When you **enter your number** a maximum of 20 digits can be used. Use the key ***** or the key **#** to enter the "+", that is often used in international fax numbers in front of the country code, and the CURSOR RIGHT key (**►**) to enter a space.

When you **enter your name** (maximum 32 digits), the number keys are used to enter letters. Every key has a number of different characters. The following table shows which characters are entered by which key. Every time you press a particular key you will call up the next character. After the last character the sequence starts again from the beginning.

press	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x	12x	13x	14x	15x	16x
0	space	.	-	0	+	?	/	:	*	%	!	()	[]	"
1	1															
2	A	B	C	2	a	b	c	Ä	Å	Æ	Ç	ä	å	æ	ç	
3	D	E	F	3	d	e	f									
4	G	H	I	4	g	h	i									
5	J	K	L	5	j	k	l									
6	M	N	O	6	m	n	o	Ñ	Ö	ñ	ö					
7	P	Q	R	S	7	p	q	r	s							
8	T	U	V	8	t	u	v	Ü	ü							
9	W	X	Y	Z	9	w	x	y	z							

Ringer selection

You can choose between five different ring signals.



Enter function 44.

44 RINGER TYPES



Press the OK key.

RINGER TYPE: 1

Select using the keys **(1)** to **(5)**. You will hear the signal you have selected.

RINGER TYPE: 3



Confirm your entry by pressing OK.

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Volume of the ringer

You can adjust the volume of the ringer when the fax machine is in stand-by mode or if it is just ringing. Please note that different volumes are set in DAY and NIGHT mode (see chapter **4 The fax switch**).



Press the CURSOR LEFT or CURSOR RIGHT key. The display shows the current setting for about three seconds.

RINGER: ■■



Change the volume by pressing the CURSOR LEFT or CURSOR RIGHT key until the desired volume is achieved.

RINGER: ■■■

Volume of the loudspeaker

You can adjust the volume at any time after having pressed the DIAL or LOUDSPEAKER key.



* Press the DIAL or LOUDSPEAKER key.

DIAL NUMBER



Press the CURSOR LEFT or CURSOR RIGHT key. The display shows the current setting.

SPEAKER: ■■



If you wish to adjust the displayed value, press the CURSOR LEFT and CURSOR RIGHT keys until the desired volume is achieved.

SPEAKER: ■■■



STOP

Finish your entry by pressing STOP.

15-MAY-99 12:30

* For fax machines without built-in answering device: DIAL key

For fax machines with built-in answering device: LOUDSPEAKER key



4 The fax switch

The intelligent fax switch enables you to phone or fax from the same telephone connection. This smart fax switch also enables you to make optimal use of additional devices.

Alternatives available with the fax switch—DAY/NIGHT/TIMER

Your fax machine behaves differently during the day and night.

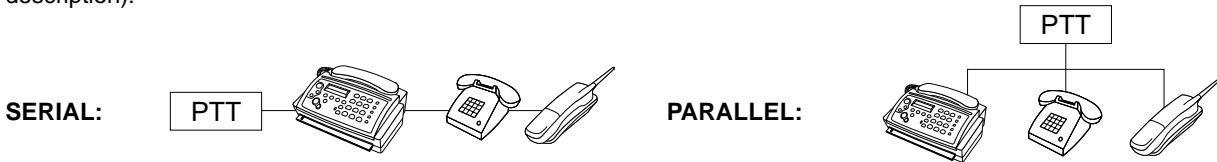
For example, in **DAY mode**, you may wish to be informed whenever you receive a telephone call or fax, and so the fax machine will ring. In **NIGHT mode** you may wish not to be disturbed, faxes will therefore be received silently, i.e. without the fax machine ringing. When **TIMER mode** is activated, your fax machine automatically switches between DAY and NIGHT by the aid of a built-in clock.

Of course you can switch off the TIMER mode and switch over between DAY and NIGHT manually.

The fax switch in use with additional devices

(Cordless telephone, answering machine, etc.)

Your fax switch supports all connections for additional devices. There are two different types of connection (schematic description):



Your machine will operate in different ways in the DAY and NIGHT modes, depending on whether it is serial or parallel connected. Using EASY INSTALL (press the HELP key for at least two seconds), your fax machine will always be set to the ideal mode for your connection.

Serial configuration

If your fax machine has automatically set to SERIAL configuration with the aid of EASY INSTALL, the optimal functionality of your fax machine (especially when used with additional telephones) is given. With this type of connection, all calls are first transferred to your fax machine and from there to all other telephones. Consequently, the "intelligent fax switch" can identify telephone and fax calls and transfer them accordingly.

If your connection is SERIAL, with the aid of EASY INSTALL your fax machine will be set to the following optimum mode:

Mode	WITHOUT built-in answering device	WITH built-in answering device
Day	Fax reception mode: QUICK	Fax reception mode: QUICK Answering device: ON/LOUD
Night	Fax machine: QUIET	Answering device: rings three times
Timer	activated	activated



To find out the type of connection or the configuration selected by your fax machine, print out the function list by pressing the FUNCTION key three times.

Parallel configuration

A PARALLEL configuration does not permit the full functionality of the intelligent fax switch. With a PARALLEL connection, each call arrives simultaneously at your fax machine and each additional telephone. Consequently, your fax machine is now unable to control the additional telephones. Also, calls cannot be transferred between your fax machine and another parallel telephone.

If your connection is PARALLEL, with the aid of EASY INSTALL your fax machine will be set to the following optimum mode:

Mode	WITHOUT built-in answering device	WITH built-in answering device
Day	Fax reception mode: NORMAL	Fax reception mode: NORMAL Answering device: ON/LOUD
Night	Fax machine: RINGS	Answering device: rings three times
Timer	activated	activated

TIMER mode

By default, your fax machine is set to TIMER mode, i.e. your fax machine switches automatically from DAY to NIGHT mode and vice versa, provided that you have set the right time after installing your fax machine or with function 12 "Entering time and date". The fax machine is factory set to switch to NIGHT mode at 10 pm. and back to DAY mode at 6 am.

Deactivating/Activating TIMER mode



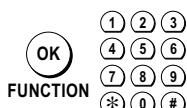
If you want to switch off the activated TIMER function press the DAY/NIGHT/TIMER key for at least two seconds until you hear a confirmation tone and the TIMER pointer disappears. Only the DAY or NIGHT pointer will then appear on the display.



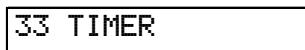
If you would like to activate the TIMER mode press the DAY/NIGHT/TIMER key again for at least two seconds until you hear a confirmation tone and the TIMER pointer as well as the DAY or NIGHT pointer appear on the display.



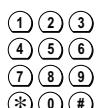
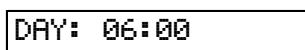
Configuring/checking the TIMER time



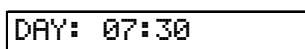
Enter function 33.



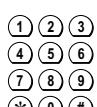
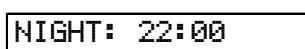
Press the OK key.



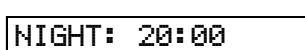
Enter the time at which you want your fax machine to switch automatically to DAY mode.



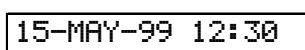
To confirm press the OK key.



Enter the time at which you want your fax machine to switch automatically to NIGHT mode.



To confirm your settings press the OK key.



DAY mode

In DAY mode you can set how your fax machine should respond when it receives a fax. For units with built-in answering device, this can be switched on and off using this function.



In TIMER mode your fax machine automatically switches from DAY mode to NIGHT mode and vice versa. If you only want to use your fax machine in DAY mode (TIMER mode deactivated) press the DAY/NIGHT/TIMER key for at least two seconds until you hear a confirmation tone and the TIMER pointer disappears.

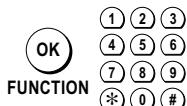
The following options are available for fax reception:

FAX RECEPTION MODE	SERIAL CONFIGURATION	PARALLEL CONFIGURATION
FAX: QUICK	<p>Faxes are received automatically after ringing at least once.</p> <p>For phone calls, your fax machine acts as a normal telephone and starts to ring immediately.</p> <p>Other telephones ring as often as your fax machine.</p> <p>Advantages: faxes are received after only a few rings.</p>	<p>Faxes are received automatically after ringing at least once.</p> <p>For phone calls, your fax machine acts as a normal telephone and starts to ring immediately.</p> <p>Other telephones ring at least once.</p>
FAX: NORMAL	<p>Faxes are received automatically but only after several signals.</p> <p>For phone calls, your fax machine acts as a normal telephone and starts to ring immediately.</p> <p>Other telephones ring as often as your fax machine.</p> <p>Advantages: the caller only pays call charges when you answer the phone or fax reception begins.</p>	<p>Faxes are received automatically after a few ringing signals.</p> <p>For phone calls, your fax machine acts as a normal telephone and starts to ring immediately.</p> <p>Other telephones ring until the built-in answering device is activated or fax reception is started.</p> <p>Advantages: you have about five rings during which to pick up the handset of your fax machine or other devices.</p>
FAX: MANUAL	<p>On receiving a fax, your fax machine acts as a normal telephone. If you lift the handset and recognise that the caller is trying to send a fax (tone or silence) press the START key and replace the handset after two seconds. Fax reception starts.</p> <p>For phone calls, your fax machine acts as a normal telephone and starts to ring immediately.</p> <p>Other telephones ring simultaneously with your fax machine. You can start fax reception by pressing the keys (*) and (5) on the other telephone. This mode only works if your telephone sends tone dialling signals.</p> <p>Advantages: You have the option of receiving faxes on your computer or another device (the built-in fax switch is switched off).</p>	<p>In fax reception, your fax machine acts as a normal telephone. If you lift the handset and recognise that the call is a fax call (tone or silence) press the START key and wait for two seconds. Then replace the handset. Fax reception starts.</p> <p>For phone calls, your fax machine acts as a normal telephone and starts to ring immediately.</p> <p>Other telephones ring both for fax and telephone calls. You can start fax reception by pressing the keys (*) and (5) on the other telephone. This mode only works if your telephone sends tone dialling signals.</p> <p>Advantages: You have the option of receiving faxes on your computer or other device (the built-in fax switch is switched off).</p>
FAX: EXPERT	<p>Here you can enter your personal settings.</p> <p>See chapter 8 Additional functions/Fax reception: EXPERT.</p>	



FAX: NORMAL; If you answer a call on your fax machine or an additional device and you recognise that it is a fax call you will have to start fax reception manually (see **FAX: MANUAL**).

Configuring/checking DAY mode



Enter function 31.

31 DAY



Press the OK key.

FAX: QUICK



With the CURSOR LEFT and CURSOR RIGHT keys you can now choose between the above mentioned settings.



To confirm press the OK key.

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For units with a built-in answering device the following message also appears:

TAM: ON/LOUD

TAM: ON/LOUD	Your answering device will be activated automatically after a large number of rings.
TAM: SMART	<p>In case of a phone call, your answering device is activated automatically after the 5th ringing signal. After the first message left by a caller, the answering device of your machine is automatically reduced to two rings. After you have listened to your messages, the next incoming call will again automatically activate the answering device after five rings.</p> <p> You are able to check remotely whether new messages have been left on your answering device (if your answering device activates after two rings you know right away that new messages have been left). This configuration is especially advantageous when you are e.g. on holiday or on a business trip.</p>
TAM: OFF	Your answering device is switched off.



You can select one of the automatic answering device modes described above with the CURSOR LEFT/CURSOR RIGHT keys.

TAM: SMART



To confirm your settings, press the OK key.

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You can receive a telephone call on the additional telephone even after the built-in answering device has already been activated. If you have a serial connection, the built-in answering device is automatically switched off after lifting the handset of the other telephone. If your connection is parallel, you can switch off your outgoing message by pressing the (*) key twice.

NIGHT mode—for fax machines WITHOUT built-in answering device

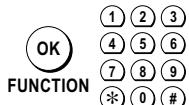


In TIMER mode your fax machine automatically switches from NIGHT mode to DAY mode and vice versa. If you only want to use your fax machine in NIGHT mode (TIMER mode deactivated) press the DAY/NIGHT/TIMER key for at least two seconds until you hear a confirmation tone and the TIMER pointer disappears.

The following settings are available in NIGHT mode :

FAX RECEPTION MODE	SERIAL CONFIGURATION	PARALLEL CONFIGURATION
FAX: QUIET	Faxes are received automatically and silently. For phone calls , your fax machine rings softly. Other telephones only ring for phone calls. Advantages: faxes are received without disturbing you.	Faxes are received automatically and silently. For phone calls , your fax machine rings softly. Other telephones ring at least once. Advantages: You hear a maximum of two rings when you receive a fax.
FAX: RINGS	Faxes are received automatically after about five soft rings. For phone calls your fax machine rings softly. Other telephones ring as often as the fax machine. Advantages: you are informed when receiving a fax.	Faxes are received automatically after about five soft rings. For phone calls your fax machine continues to ring softly. Other telephones ring until fax reception starts.
FAX: EXPERT	You can enter your personal settings here. See chapter 8 Additional functions/Fax reception: EXPERT .	

Configuring/checking NIGHT mode for fax machine without answering device



Enter function 32.

32 NIGHT



Press the OK key.

FAX: RINGS



You can select one of the fax reception modes described above with the CURSOR LEFT/CURSOR RIGHT key.

FAX: QUIET



Press the OK key to confirm the desired setting.

15-MAY-99 12:30

NIGHT mode—for fax machine WITH built-in answering device

In NIGHT mode you can set the ringing characteristics of your answering device. Fax reception is always silent and the answering device is always activated.

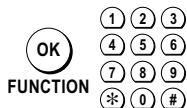


In TIMER mode your fax machine automatically switches from NIGHT mode to DAY mode and vice versa. If you only want to use your fax machine in NIGHT mode (TIMER mode deactivated) press the DAY/NIGHT/TIMER key for at least two seconds until you hear a confirmation tone and the TIMER pointer disappears.

The following options are available for fax reception:

FAX RECEPTION MODE	SERIAL CONFIGURATION	PARALLEL CONFIGURATION
THM: RING 3	<p>You can choose from one to four rings using the / keys.</p> <p>Faxes are received automatically and silently. For phone calls, your fax machine rings 1-4 times (depending on setting), then the answering device is activated.</p> <p>Other telephones behave in the same way as the fax machine.</p> <p>Advantage: You have the opportunity of answering calls personally even at night.</p>	<p>Faxes are received automatically and silently. For phone calls, your fax machine rings 1-4 times (depending on setting), then the answering device is activated.</p> <p>Other telephones ring at least once.</p> <p>Advantage: Other telephones ring at least once. Faxes are received soundlessly.</p>
TAM: SILENT	<p>Faxes are received automatically and silently. For phone calls, the answering device is activated immediately. In this mode the loudspeaker is switched off.</p> <p>Other telephones do not ring.</p> <p>Advantages: You will not be disturbed, even when receiving phone calls. The built-in answering device records all messages silently. Please note that in this mode you cannot be contacted by phone in an emergency (unless function 53 VIP CODE is activated).</p>	<p>Faxes are received automatically and silently. For phone calls, the answering device is activated immediately. Messages are recorded soundlessly. Your fax machine does not ring.</p> <p>Other telephones ring at least once.</p> <p>Advantages: You hear a maximum of two rings. Faxes are received automatically and phone calls are immediately answered by the answering device silently. Please note that in this mode you cannot be contacted by phone in an emergency (unless function 53 VIP CODE is activated).</p>
TAM: EXPERT	<p>Here you can enter your personal settings.</p> <p>See chapter 8 Additional functions/Fax reception: EXPERT.</p>	

Configuring/checking NIGHT mode for fax machine with answering device



Enter function 32.

32 NIGHT



Press the OK key.

TAM: RING 3



You can select one of the settings described above with the CURSOR LEFT/CURSOR RIGHT keys.

TAM: SILENT



Press the OK key to confirm the desired setting.

15-MAY-99 12:30



5 The telephone

Making a call



Dial the desired number. If you enter a wrong digit, delete it using the CURSOR LEFT key (). Lift the handset. The fax machine will dial. During the call, the call duration appears on the display after about 10 seconds.



If, after dialling, you hear the dial tone instead of a ringing tone, change the dial mode setting by selecting function 15.

Redial

You can redial the last five numbers dialled simply by pressing one button.



Press the REDIAL key repeatedly until the desired number is shown on the display. Lift the handset. Your machine will automatically dial the last number shown.

Caller ID (Identity of the caller—not available in all countries)

Your fax machine is capable of showing the caller's identity (telephone number) on the display of your fax machine, before you lift the handset. To have this feature at your disposal you must subscribe to it via your telephone service provider.



Please note that the Caller ID feature is not supported by all providers.

If you have connected an additional telephone to your fax machine which is also equipped with the Caller ID function, the identity of the caller will then not be displayed on the additional telephone but on the fax machine.

Searching through the Caller ID memory



To search through the Caller ID memory press the REDIAL key for at least two seconds. You will hear a confirmation tone. The display shows either

the amount of received calls that have not been answered, e.g.

2 NEW CALLS

or, if you have answered all your calls, an already existing entry in your caller's list will be shown.

1: 12345

For example, two calls have not been answered:

2 NEW CALLS

The new entries are marked with a **. As soon as you have had a look at them, the ** disappears. The display shows number and/or date and time of the received call.

*1: 12345



If you want to make a call and you lift the handset before dialling the desired telephone number you cannot correct wrong entries with the CURSOR LEFT key any more.

If you did not receive the ID information the display will show:
(this occurs if e.g. the caller has an unlisted telephone number)



Using the CURSOR LEFT/CURSOR RIGHT key you can now step through the entries.

UNKNOWN NUMBER

UNKNOWN CALLER

*2: 54321



STOP

Press STOP to return to stand-by-mode.

15-MAY-99 12:30

Dialling a telephone number from the call list

The telephone numbers of the last 10 received calls are stored.



Press the REDIAL key for at least two seconds until you hear a confirmation tone. The latest entry in your caller's list appears on the display.

1: 12345



Press the CURSOR LEFT/CURSOR RIGHT key repeatedly until the desired entry is shown on the display.

4: 67890



Lift the handset. Your fax machine will automatically dial the last entry shown.

DIALLING...

Deleting entries from the Redial or Caller ID memory

You can as well delete an entry while searching through your Redial or Caller ID memory.



Press the CURSOR LEFT key for at least two seconds.

DELETE: YES



With the CURSOR LEFT/CURSOR RIGHT key you can now choose whether you wish to delete one entry or all entries.

DELETE: NO



Confirm with OK. The display shows for two seconds:

DELETED

Short dial

There are short dialling keys available which you can use to store numbers you dial frequently.

Storing a short dial number with name



Press the SHORT DIAL key for at least two seconds until you hear a confirmation tone.

CHOOSE 0-9



Choose a number from 0-9.

ENTER NAME



If you receive more than ten calls the oldest telephone number is deleted from the Caller ID memory.

In case you are receiving calls from the same telephone number several times, only the latest call will be stored in your Caller ID memory.



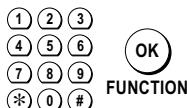
Enter a name. If you make an incorrect entry you can correct it by pressing the CURSOR LEFT key (⌂).

BERGER



Press the OK key (even if you do not wish to enter a name).

ENTER NUMBER



Enter a number. Using the REDIAL key you can enter a dialling pause. Confirm with OK.

12345_

STORED

Using the short dial keys

You can use the short dial keys for telephone calls and for sending faxes.



□ 1-9

Press the SHORT DIAL key. On the display appears:

CHOOSE 0-9



Select using the keys 0 to 9. The corresponding name will appear on the display. If you have not entered a name the telephone number will appear on the display.

1: 12345



Lift the handset or press the DIAL or LOUDSPEAKER key, depending on the machine. The fax machine will start to dial and the number is displayed (if necessary you can now add an extension number). If you would like to send a fax press the START key.

DIALLING...

1: 12345

Telephone book

You can use the telephone book to select the number you wish to call by selecting the name. The number is then dialled automatically. All you have to do is to store the numbers with the corresponding names first.

The telephone book function on your fax machine has space for up to about 50 numbers with their corresponding names. The exact figure depends on the length of each entry.

Storing numbers and names with the TELEPHONE BOOK key



□ A-Z

Press the TELEPHONE BOOK key for at least two seconds until you hear a confirmation tone.

ENTER NAME



Enter a name. If you make an incorrect entry you can change it by pressing the CURSOR LEFT key (⌂).

BERGER



Press the OK key.

ENTER NUMBER



You cannot store a short dial or telephone book entry when the memory is full. You will hear a warning signal and the display will indicate MEMORY FULL. You have to delete an entry before you can store a new one.

Please note that a maximum of 14 characters for names and 40 characters for numbers can be entered.

If you wish to store a number during a phone call press the TELEPHONE BOOK key for at least two seconds and continue as described above.



Enter the telephone number by using the dial pad. Using the REDIAL key you can enter a dialling pause.

12345_



Press the OK key. A confirmation will appear briefly on the display.

STORED

Using the telephone book



Press the TELEPHONE BOOK key. The display shows the first entry in your list of names.

BERGER

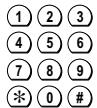


Using the CURSOR LEFT or CURSOR RIGHT key...



...or the TELEPHONE BOOK key

CHOMSKY



... or the letters of the dial pad you can search through the name list.



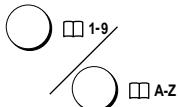
As soon as the display shows the desired name, you can pick up the handset or press the DIAL or LOUDSPEAKER key, depending on the machine. Now the fax machine will start to dial and the number is displayed (if necessary you can now add an extension number). If you want to send a fax, press the START key.

DIALLING...

12345_

Correcting and deleting stored short dial or telephone book entries

If you have entered a wrong letter or number in an entry of your short dial or telephone book directory you can correct the mistake. If you no longer need a number you have stored you can delete it from the memory.



Press the SHORT DIAL key or the TELEPHONE BOOK key.

CHOOSE 0-9

The display shows either

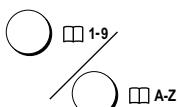
BERGER

or the first name in the book.

CHOMSKY



You can now search through the list using the dial pad.



Then press the SHORT DIAL or TELEPHONE BOOK key for at least two seconds.

CHOMSKY_

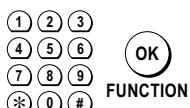


Press the CURSOR LEFT key until the entry is deleted and you hear a confirmation tone.

_

Now you have two possibilities:

Correcting an entry



Enter the correct name and number using the dialpad and confirm each entry with OK.

Deleting an entry



Press the OK key. Press the STOP key if you do not want to delete your entry.

DELETE: NO



With the CURSOR LEFT/CURSOR RIGHT keys, you can again choose whether you really wish to delete the entry.

DELETE: YES



Confirm with the OK key. The following message appears on the display for two seconds:

DELETED

On-hook dialling

The DIAL or LOUDSPEAKER key has the same effect as lifting the handset. You can enter a number and will hear the connection being made over the built-in loudspeaker.



* Press the DIAL or LOUDSPEAKER key, depending on the device.

DIAL NUMBER



Dial the number you require. Your machine will start to dial and you will hear the connection being made.

12345_



As soon as the other party answers, lift the handset and speak. The loudspeaker will be turned off automatically.

12345_

Hands-free operation (only for devices with built-in answering device)

You can let people in the same room take part in your telephone conversation. Please make sure that your fax machine is situated on a smooth surface (not a soft underlay), to avoid the microphone being covered.



You can press the LOUDSPEAKER key at any time during the call. The telephone conversation can then be followed via the built-in loudspeaker. At the same time, the built-in microphone is switched on.



Replace the handset. You can now speak with your hands free.



If you wish to continue the conversation using the handset, simply lift the handset again. The loudspeaker and microphone will be automatically switched off.

* For fax machines without built-in answering device: DIAL key
For fax machines with built-in answering device: LOUDSPEAKER key

Muting the microphone

During the phone call you can mute your microphone in order to speak to someone in the same room without being heard at the other end of the line.



Press the MUTE/CALL TRANSFER key. Your microphone will be muted and the person at the other end of the line will not be able to hear you. When you wish to continue the phone call press the MUTE/CALL TRANSFER key again.

Call transfer

You can transfer an existing phone call from your fax machine to an additional telephone and vice versa. Call transfer is only possible with telephones connected in serial (see chapter **4 Fax switch/The fax switch in use with additional devices**).

From the fax machine to an additional telephone



Press the MUTE/CALL TRANSFER key during the phone call and replace the handset within three seconds

MUTED

or

(*) + (0)

press the keys **(*)** and **(0)** during the call and replace the handset within three seconds.

CALL TRANSFER



Your other telephone will ring for a maximum of 30 seconds. **If you answer the call on an additional telephone in time you will be able to continue the call**, otherwise the fax machine takes over the call again and rings for about 20 seconds. If you lift the handset of the fax machine in time, you can repeat the process. If you do not lift the handset in time the call will be disconnected.

From an additional telephone to the fax machine

(*) + (0)

Press the keys **(*)** and **(0)** during the call. If the connection is successfully established, you will hear a tone. Replace the handset within three seconds.



Your fax machine will ring for a maximum of about 30 seconds. **If you answer the call on the fax machine in time you will be able to continue the call**, otherwise the additional device takes over the call again and rings for about 20 seconds. If you lift the handset of the additional device in time, you can repeat the process. If you do not lift the handset in time the call will be disconnected.



Calls can only be transferred from the additional telephone to the fax machine if your additional telephone is set to tone dialling.



6 The fax

This chapter explains all the fax functions provided.

Sending faxes

Which documents to use

In order to avoid transmission errors you must use good quality, legible originals. Therefore, keep to the following guidelines:

Minimum size:	Maximum size:
Width: 148 mm	Width: 217 mm
Length: 105 mm	Length: 600 mm
Thickness: 0.05 mm (60 g paper)	Thickness: 0.15 mm (120 g paper)

Write clearly and legibly. Only use pens with dark ink (black/dark-blue, not yellow/orange/light green). Printed documents work best.



The following points are the most common causes of errors when sending faxes!

Don't send:



Pages from newspapers (printer's ink).



Stapled pages or pages held together with paperclips. Remove all staples and clips before sending.



Creased or torn pages.



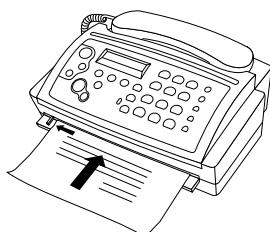
Wet pages or pages with corrections made with correction fluid; dirty pages or pages with a glossy or laminated surface.



Pages joined with sticky tape or glue, with adhesive stickers such as "post-it®" notes, or pages which are too thin or too thick.



Pages written in faint pencil, crayon, chalk or artist's charcoal.



Take the first page of the document and place it **face up** as shown in the picture. Slide the document into the fax along the document guide on the left hand side of the feed slot until it stops. Wait for a moment: The document will now be slightly drawn in automatically by the feeding mechanism. Once the document has been drawn in by the feeding mechanism, it should not be pushed in any further, otherwise the top part will be missing when you make a copy or transmit a fax.



Documents shorter or smaller than specified risk getting stuck in the machine.

Sending



Dial the number you require.

12345_



Insert the first page of your document **face up** into the paper feed slot as described above.



Before attempting a connection you can select a higher resolution by pressing the FINE/PHOTO key. The corresponding pointer on the display will light up.



Press the START key.

DIALLING...

The machine will then attempt a connection.

CONNECTING...

Transmission now begins. The receiving fax machine will now transmit its sender identification, which will appear in your display. You can now check again whether you have dialled the correct number. If necessary you can interrupt transmission by pressing the STOP key.

If the receiving machine has no sender identification stored, the display will show:

After a few seconds the display will read alternately:



If you wish to send more pages press the START key while the first page is going through. As soon as it is through, you will hear a tone. Then insert the next page. For every new page you want to send, press the START key whilst the previous page is going through. When the last page has gone through, the display will indicate the number of pages transmitted.

02 PAGES SENT

Improving the picture quality

Your fax machine normally operates with standard resolution. If you want to transmit detailed drawings or documents with very small print, use the FINE setting. If you want to fax a photograph, select the PHOTO setting. The original will be sent as a black and white illustration in grey scales.



If you want to increase the resolution press the FINE/PHOTO key until the desired pointer lights up.

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▼ ▼

After transmitting or, if there is no document in the feed slot, after 40 seconds the fax machine will automatically return to standard resolution.



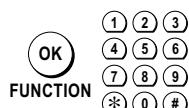
If you try to send a fax but the number you are calling is engaged or you cannot make a connection, your machine will automatically redial the number after some time.

Only insert the next document after the report has been completely printed out. Otherwise it will be drawn in during printout!

Transmission of documents will take longer in FINE or PHOTO resolution. In PHOTO resolution mode, the texts become lighter and therefore less legible.

Transmission report—error report

Every time you send a document your fax machine prints a transmission report. It is possible to switch this function off. If an error occurs during transmission you will be informed on the error report, which is printed out even if the transmission report function is switched off.



Select function 43.

43 TRANSM. REPORT



Press the OK key.

TRANSM. REP.: ON

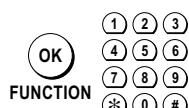


Select using the CURSOR LEFT and CURSOR RIGHT keys, then press the OK key.

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Fax journal

The fax journal is a list of the last 10 received and transmitted faxes. You can choose whether to print out the journal immediately or automatically after 10 successful transmissions.



Select function 41.

41 FAX JOURNAL



Press the OK key.

JOURNAL: NO



Select with the CURSOR LEFT or CURSOR RIGHT key.

JOURNAL: YES



Press the OK key.

PRINT: NOW



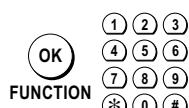
Select with the CURSOR LEFT or CURSOR RIGHT key and confirm with OK.

PRINT: EVERY 10

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Polled reception

Polled reception means that your fax machine can retrieve fax messages which have been prepared for collection from another fax machine. Function 22—Polled reception is simple to operate and is very useful especially when the retrieved document is protected against unauthorised access by a code.



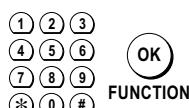
Select function 22.

22 POLLED REC.



Press the OK key. You will be asked for an authorisation code which will allow you to collect the document that is waiting.

CODE: _



If the fax machine you are calling has this facility and if the document has in fact been protected against unauthorised access with a code, enter the code and confirm by pressing OK. If you do not need a code, simply press the OK key.

CODE: 1234

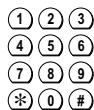


A transmission report will be printed out at the end of each transmission and the machine will return to stand-by. If the transmission is not successful an error report will be printed out. During printing of the error report the CHECK DISPLAY lamp flashes. Press STOP.



Press the OK key.

ENTER NUMBER



Enter the telephone number.

12345_

START COPY



Press the START key.

DIALLING...

CONNECTING...

Quick polling



With this function you can download information simply and quickly by dialling a number using the dialpad **with the handset replaced** and confirm with the OK key.

FUNCTION

0

#

Faxing to sub-addresses

If you want to send faxes to fax databases or if you want to poll from these, some databases have a sub-address which you can add to the telephone number. This will save you money in telephone charges. First enter the telephone number of the database and then press the R key. Then enter the required sub-address. If you are not sure whether your fax polling service supports sub-addresses, please contact your polling service operator.

Receiving faxes in memory—Paperless fax reception

(only for fax machines with built-in answering device)

If no thermal paper is loaded or if the thermal paper has run out, any incoming fax will be received into memory. The DMM pointer appears on the display to indicate that the memory contains documents.

The display shows the number of the sending fax machine or, if the sender has not stored any ID information, the following message is displayed:

+43 1 12345

RECEIVING ...

As soon as a paper roll is loaded, the fax machine automatically prints out all documents in memory.

PRINTING ...

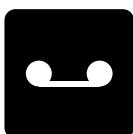
When a page has been fully printed, it is deleted automatically from memory. If the printing process is interrupted, all pages not completely printed remain in memory.



Polling codes work in accordance with the international ITU standard. However, there are manufacturers who use other processes and whose machines are therefore not compatible.

If the polled reception does not work with a specific number, try to poll manually. Lift the handset, dial the required number and then press START.

If the memory is full, your fax machine cannot store any more pages in memory. The CHECK DISPLAY lamp flashes and the message "MEMORY FULL" appears on the display.



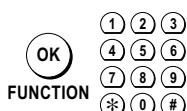
7 The answering device

(only for fax machines with built-in answering device)

Your fax machine is equipped with a digital telephone answering device. All recorded messages are stored in a solid-state electronic memory which has a recording capacity of about 15 minutes. A magnetic tape or a cassette are not required.

Switching on/off the answering device

Your answering device is factory-programmed with a recorded outgoing message and is already activated in both function 31 and function 32. You have the option of switching off the answering device in function 31. In function 32 your built-in answering device is always activated.



Select for example function 31 and confirm with OK.

31 DAY

32 NIGHT

FAX: QUICK



On the display appears the current fax reception mode. Confirm this mode by pressing OK.

TAM: ON/LOUD



With the CURSOR LEFT/CURSOR RIGHT keys you can now choose the desired answering device mode. Please find detailed information about the modes in chapter 4 The fax switch/Day mode and Night mode with built-in answering device.

TAM: OFF



Confirm with OK.

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After a preset number of rings the answering device is automatically switched on. The caller will then hear the first outgoing message followed by a short beep. The device will then switch to record and the caller can leave a message. At the end of the recording time the caller will hear the closing message. The device then switches itself off. You can adjust the recording time with function 51.

Recording and playing back your outgoing message

Your answering device is supplied with a pre-recorded outgoing message, which will play when the answering device is activated and will ask the caller to leave a message. You can of course record your own message, e.g.

"Hello, this is Berger and Company. We are sorry there is nobody available to take your call at present, but if you leave your name and telephone number, we will get back to you as soon as possible. Please speak after the tone. If you want to send a fax, press START."

When the programmed recording time has lapsed the caller will hear a closing message, e.g.:

"Thank you for calling. Goodbye."

The answering device then switches itself off. Read the following procedure through completely and then record your outgoing messages. It is advisable to write your messages down first.



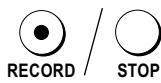
Press the RECORD key for at least two seconds.

REC. OGM 1 ?



Press the RECORD key again.

Wait until you hear the confirmation tone. Now start to record your message. Position yourself about 20 cm from the fax machine. Speak slowly and clearly and avoid long gaps in the message. A black bar will move across the display to indicate how much memory is available for the outgoing message. When it has moved right across the display, the device will switch itself off, in which case you can omit the next step.



Stop recording by pressing the RECORD key or the STOP key. If you want to record only the first outgoing message, press the **#** key (SKIP FORWARD) after you have recorded it.

REC. OGM 2 ?



Press the RECORD key again. Wait until you hear the confirmation tone. Now start recording your closing message. The black bar will again indicate how much memory is available.



Stop recording by pressing the RECORD or the STOP key. You do not need to do this if the device has switched itself off automatically.

REC. COMPLETE



After a short time the two outgoing messages will be played back automatically. You can adjust the volume with the CURSOR LEFT and CURSOR RIGHT keys (see chapter **3 Basic functions**/Volume of the loudspeaker). The duration of each message is shown on the display, e.g.:

OGM 2 4 S

OGM 1 15 S

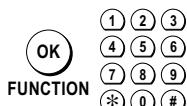


If you want to play back previously recorded outgoing messages, press the RECORD key only once. If you wish to record the outgoing messages again, repeat the entire procedure.

If you only wish to re-record the final announcement, press the RECORD key once for at least two seconds and then press the key **#** (SKIP FORWARD). You can then record the closing message by pressing the RECORD key. To end the recording press the STOP key.

Adjusting the recording time

You can adjust the time available for a caller's message. This will help to save memory space.



Select function 51.

51 RECORD. TIME



Press the OK key.

REC. TIME: 30S



Press CURSOR LEFT and CURSOR RIGHT to choose between 30, 60, 120 seconds or the AUTO mode (unlimited recording time). Now press the OK key. Please note that AUTO mode is not available in all countries.

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If your announcement is too long, your fax machine may not recognise the fax signal of your fax correspondent in time. Your announcement should therefore be no longer than 20 sec.

Make sure that your fax machine stands on a flat surface (not a soft underlay), because otherwise the microphone may be obstructed.

Listening to messages



When an incoming call has been recorded the PLAY/PAUSE key will start to flash. The display indicates how many messages have been recorded.

MESSAGES: 4



Press the PLAY/PAUSE key. The first new message will be played back. The date and time the message was received will be shown on the display.

1 15/05 12:30



If you want to interrupt this message press the PLAY/PAUSE key. When you want to continue with the messages, press the PLAY/PAUSE key again.

1 15/05 12:30

After the first message has been played, the device will automatically begin to play back the second message.

2 15/05 13:00



Press the # key (SKIP FORWARD) if you do not want to listen to the whole of the message. The next message will be played.

3 15/05 13:30



Press the * key (SKIP BACK) if you want to hear the message again. The message will be repeated immediately.

3 15/05 13:30

When all the messages have been played, the device will revert to its original state. The display will read:

MESSAGES: 4



If you press the PLAY/PAUSE key again, before any new messages are recorded, the device will play back all the old messages. Moving forward or backward is done in exactly the same way as for new messages.

1 15/05 12:30

Volume of messages



Press the PLAY/PAUSE key.



Press the CURSOR LEFT or CURSOR RIGHT key while playing back the messages. The current volume setting will be displayed.

SPEAKER: ■■



If you wish to change the displayed value, press the CURSOR LEFT or CURSOR RIGHT key again until you obtain the desired volume.

SPEAKER: ■■■

Deleting messages



Press the PLAY/PAUSE key. You will hear the first message.

1 15/05 12:30

You can delete individual messages while you are listening to them.



If you want to delete the message which is currently being played, press the CLEAR key. You will be asked on the display if you really want to delete this message.

MESS.: 1 CLEAR?



Press CLEAR again to confirm. You will hear a confirmation tone and the display will indicate that the message has been deleted.

DELETED

You can delete all messages at once provided that you have already listened to them.



Press the CLEAR key. To interrupt the deleting process press the STOP key.

DELETE ALL MSGS?



Press the CLEAR key again and all messages will be deleted.

DELETED

Automatic forwarding of messages

Your fax machine can automatically forward all incoming messages to another telephone number. Switch function 55 FORWARDING on and enter the telephone number to which you wish recorded calls to be forwarded. You can select the number of messages to be forwarded at one time. Your fax machine will wait until the selected number of messages has been received and then calls the desired number automatically. A text announcing the call forwarding is transmitted when the connection is made. The party to which the calls are being forwarded needs to enter the **access code** (see **function 52**). If the correct access code is not entered within 40 seconds or an incorrect code is entered three times, your fax machine will disconnect the call. An example of an announcement might be: "Hello, there are messages for Mrs. Berger; please enter the access code."

 FUNCTION	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ * ① #	Select a desired reception mode in function 31 (see chapter 4 The fax switch). If the answering device is switched off, switch it on in this function.	TAM: ON/LOUD
 FUNCTION	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ * ① #	Select function 55.	55 FORWARDING
 FUNCTION		Press the OK key.	FORWARD CALL: OFF
/		Press the CURSOR LEFT or CURSOR RIGHT key.	FORWARD CALL: ON
 FUNCTION		Press the OK key. You are prompted to enter the telephone number of the person to whom you want to forward your message.	ENTER NUMBER
 FUNCTION	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ * ① #	Enter the telephone number.	12345
 FUNCTION		Press the OK key.	MESSAGE NO.: 01
/		Enter the number of messages you want to be forwarded at one time. With the CURSOR LEFT or CURSOR RIGHT key you can choose the number.	MESSAGE NO.: 05
 FUNCTION		To record a new forwarding message, press the OK key. *	REC. FORWARD MSG
		Press the RECORD key.	
		Wait until you hear a confirmation tone. Start speaking. Position yourself about 20 cm from the fax machine. A black bar will indicate how much memory is available.	 REC. COMPLETE
	STOP	Press the STOP key when you have finished. The forwarding message will be played back.	FORWARD MSG. 125
		The fax machine is now switched to stand-by mode.	15-MAY-99 12:30 FORWARDING

* If a forwarding message has already been recorded:



Press the OK key.

REC. MESSAGE: YES



Select with the CURSOR RIGHT or CURSOR LEFT key. If you wish to record a new forwarding message, select YES. If you want to use the existing message, select NO. Press the OK key to confirm. Then proceed as described above.

REC. MESSAGE: NO

Recording a telephone conversation

You can record a telephone conversation with your fax machine.



Press the RECORD key during the telephone conversation (please note that you cannot record the conversation while operating hands-free). The display will show:



Replace the handset or press the STOP key to stop recording.

MESSAGES: 1



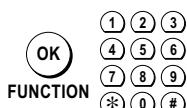
The PLAY/PAUSE key flashes. Press the PLAY/PAUSE key to listen to the recorded conversation. The conversation can be deleted like a recorded message.

1 15/05 12:30

VIP code

(Ringing despite switched on answering device)

A caller can use a four-digit code to make the telephone ring after the answering device has taken the call. This enables a person to whom you have given the code to reach you whilst all other calls are intercepted by the answering device. The VIP code is advantageous if you have switched the answering mode to SILENT in function 32. Since the fax machine still rings when using the VIP code you have the option of receiving important messages.



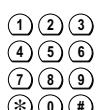
Select function 53.

53 VIP CODE



Press the OK key. The display will show the last code you entered. Your fax machine has been supplied with the code 9999 preset.

CODE: 9999



Enter a new code.

CODE: 1234



Press the OK key.

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To record a telephone conversation all the free space of the memory is available for this function. Existing messages will not be deleted. When the memory is full, a warning signal sounds and the CHECK DISPLAY lamp flashes.

The VIP code (function 53) must not be the same as the access code (function 52). If you attempt to enter the same code the message CODE NOT OK will be displayed and you must select another code.

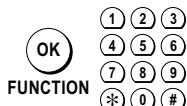
Remote access

You can control your answering device from a remote telephone. The remote phone must be switched to tone dialling or you must use a tone dialling box. Please consult your dealer in this case.

Preparing your fax machine for remote access

Before you can use the remote control or remote access facilities you have to enter an access code.

This code will also serve as the access code for function 55 Forwarding.



Select function 52.

52 ACCESS CODE



Press the OK key. You will be asked to enter your code. If you do not want to enter a code press STOP.

CODE: 0000



Enter the four-digit code.

CODE: 4321



Press the OK key. The code is now stored.

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Remote access of the answering device

You may wish to play back messages when you are away from home.

Call your fax machine and wait until you hear the outgoing message.

Enter your four-digit access code. The outgoing message is interrupted. If the outgoing message does not stop playing after you have pressed the first key of the code, press the first key again. Enter the rest of the code only after the outgoing message has stopped playing. You will hear a brief confirmation tone after every digit.

When you enter the remote access using a mobile phone or from abroad, you must wait at least 1 second between each digit of the code.

When you have entered the fourth digit, you will either hear one confirmation tone which means that the code is accepted or four short whistle tones which indicate that one or more of the four digits was wrong.

You have three attempts at entering the right code number, after which you will be disconnected.

Once you have entered all four digits correctly you will be able to listen to all new messages. If no new messages have been recorded you must wait for a second confirmation tone before entering further commands.

You can now enter more commands or you can replace the receiver to end remote access.

Below you will find a table showing all functions which can be carried out remotely.



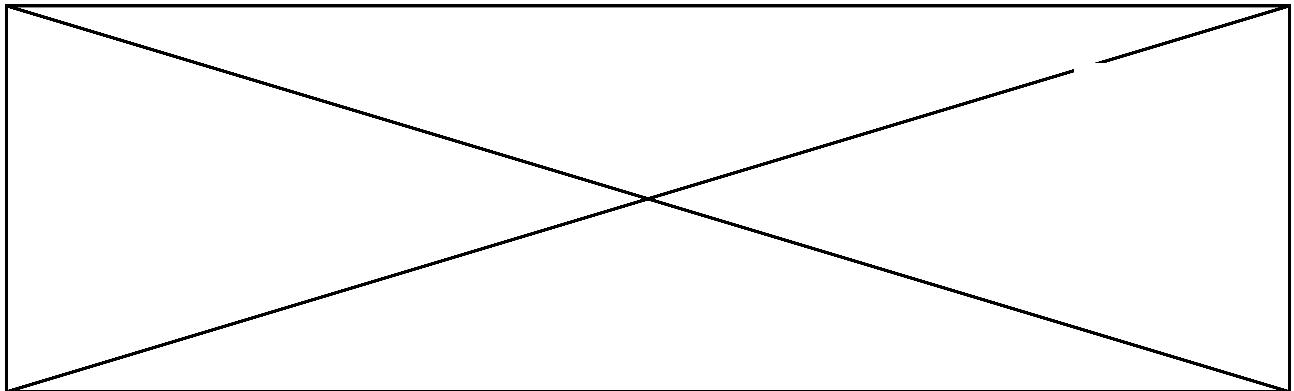
Make a note of your access code by incorporating it in a longer number, for example, so that it cannot be recognised by other people.

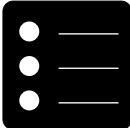
If you wish to change your access code, repeat the above procedure and enter a new code.

To switch the remote access function off again, enter 0000 as four-digit code.

Ensure that the access code (function 52) is not the same as the VIP code (function 53) for your answering device. If you try to enter the same code, the message CODE NOT OK appears on the display. You must then select another code.

Function	Key	Description
REPLAY INCOMING MESSAGE	(1)	To repeat the current message. If no message is repeated, the first message will be replayed.
PLAY	(2)	Your messages will be played back.
SKIP FORWARD	(3)	Move to next message.
RECORD OUTGOING MESSAGE	(4)	After pressing key (4) , you will hear two confirmation tones. Press key (4) again. You will hear a long confirmation tone. Now speak your new outgoing message. After you have finished, press key (4) again. Your new outgoing message will now be played back. Afterwards you will hear a long confirmation tone.
PLAYING OUTGOING MESSAGE	(5)	Pressing key (5) you can hear your outgoing message.
DELETE INCOMING MESSAGE	(6)	You can delete the message you are listening to by pressing key (6) . You will hear two confirmation tones. You must press key (6) again within five seconds to execute the delete command.
DELETE ALL MESSAGES	(6)	You can also delete all messages at once. Press key (6) , when you are not listening to a message. You will hear two confirmation tones. You must press key (6) again within five seconds in order to execute the delete command.
DAY-MODE	(7)	You can set your fax machine to DAY mode by pressing key (7) . You will hear a long confirmation tone. TIMER mode is deactivated by this command.
STOP	(8)	The current command is interrupted.
NIGHT-MODE	(9)	You can set your fax machine to NIGHT mode by pressing key (9) . You will hear a long confirmation tone. TIMER mode is deactivated by this command.



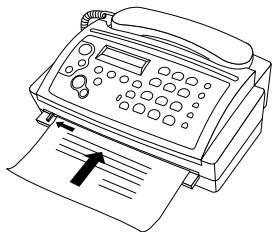


8 Additional functions

This chapter explains the additional possibilities and functions of your fax machine.

Copying

You can use your fax machine to make copies of an original. When copying your fax machine switches automatically to FINE resolution. You may also choose PHOTO resolution when copying photographs or for an even finer definition.



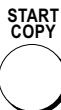
Hold the first page of your document face up. Insert it into the document feed slot as far as it will go.

DIAL NUMBER



Choose the desired resolution by pressing the FINE/PHOTO key.

DIAL NUMBER



Press the START/COPY key.

COPYING ...



The page will now be fed into the machine. It will appear at the front of the machine again. At the end of the copying process wait approximately three seconds until the copy is printed out completely. Then tear off the copy.

EASY LINK—Setting additional devices

This function enables you to enter three codes. **These codes are used when you receive a call on an additional telephone or wish to transfer a call or fax to your fax machine.**

1. Code for starting your fax machine from another telephone (default **(*) (5)**).
2. serial: Code for transferring a call from another telephone connected serial to your fax machine (default **(*) (0)**). Please note that when using this code you have to replace the handset of your additional device after you have entered the code. See chapter **5 Telephone/Call transfer**.
3. parallel: Code for switching off the fax machine from an additional telephone connected in parallel (default **(*) (*)**). **For faxes with built-in answering device:** This code is also used to switch off the outgoing message if the answering device is already activated.

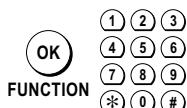
To be able to use this function you must set your additional or cordless telephone to tone dialling. If your telephone service is not compatible with this dialling method and requires pulse dialling, you must temporarily set your additional device to transmit tone dial signals. Please refer to the operating instructions of your additional device to find out how to make this temporary adjustment.



If your local copies or received faxes are blank, the document was inserted the wrong way.

If you end the process of copying by pressing the STOP key wait until the document is totally ejected before tearing off the thermal paper copy.

Only change the specified codes if absolutely necessary.



Select function 34.

34 EASYLINK



Press the OK key.

FAX RECEPTE: *5



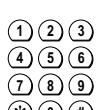
Enter a two-character code. The first digit should be a (*)-character or a (#)-character. This code is used to start fax reception from an additional telephone.

FAX RECEPTE: *6



Press the OK key.

TRANSFER: *0



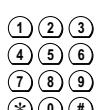
Enter a two-character code. The first digit should be a (*)-character or a (#)-character. This code is used with serial-connected telephone to transfer a telephone call from an additional telephone (or cordless phone) to your fax machine. Please note that when using this code you have to replace the handset of your additional device after you have entered the code.

TRANSFER: *1



Press the OK key.

REL. LINE: **



Enter a two-character code. The first digit should be a (*)-character or a (#)-character. This code is used with parallel-connected telephone to transfer a telephone call to an additional telephone. By entering this code on the additional telephone you can deactivate your fax machine.

For faxes with built-in answering device: by entering this code, you can stop the outgoing message of your answering device after it has already been activated.

REL. LINE: *2



Press the OK key.

15-MAY-99 12:30

HELP function

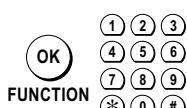


Briefly press the HELP key. You will receive a printout explaining how to use the most important functions.

PRINTING ...

Short dial and telephone book list

If you would like to print out a list of all stored short dial and telephone book numbers please proceed as follows:



Select function 42.

42 DIALLING LIST



Press the OK key. Your fax machine will then print out the list.

PRINTING ...



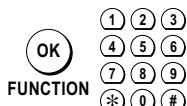
Please note that the three Easy Link codes must be different. If you enter the same code more than once, the following message appears on the display: CODE NOT OK.

Please note that you are not able to transfer a phone call from an additional telephone that is connected parallel unless it is a fax call.

Fax reception: EXPERT

As already described in chapter **4 The fax switch**, several standard fax reception modes are available. Your fax machine is optimally set when you select one of these modes. Nevertheless, in EXPERT mode you can set the ringing parameters of your fax machine and other devices yourself.

You are able to set the total number of rings enabling you to control how many times your fax machine and additional phones ring when receiving an incoming telephone call. Also, depending upon the configuration serial or parallel (see chapter **4 The fax switch**) you will be able to define how many rings are tollfree for the calling party or how many times the additional phones will ring. For units with a built-in answering device, you can also define whether or not to mute the loudspeaker while the caller is leaving a message.



Select function 31 DAY or 32 NIGHT and confirm with OK.



Press the CURSOR RIGHT key as often as necessary until the EXPERT mode appears on the display.

FAX: EXPERT



Confirm with the OK key.

TOTAL RINGS: 05



With the CURSOR LEFT/CURSOR RIGHT keys you can set the number of ringing signals after which your fax machine switches to fax reception.

TOTAL RINGS: 04



To confirm your choice, press the OK key.

TOLLFREE RING:00



With the CURSOR LEFT/CURSOR RIGHT keys, you can select how many of the ringing signals are toll-free to the caller. The toll-free ringing signals are also heard on the additional telephones. If you enter TOLLFREE: 0, faxes will be received in silence. Automatic fax reception may be impaired if you select a value higher than five for TOLLFREE. In this case, the tollfree rings must be reduced to a value less than five.

TOLLFREE RING:03



To confirm your choice, press the OK key.

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Additional information for fax machines with built-in answering device:

TAM: ON/LOUD



You can switch your answering device on or off with the CURSOR LEFT/CURSOR RIGHT keys. In addition you can select whether or not to mute the loudspeaker while the caller is leaving a message.

TAM: ON/MUTED



To confirm, press the OK key.

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Please note that your built-in answering device cannot be switched off in NIGHT mode.

If you have connected an **external** answering machine, a smaller number of rings must be set on the answering machine than on the fax. Check the number of rings before your external answering machine responds. If you have a serial configuration the total rings of your fax machine must be set to a higher level than the rings of the answering device. If your configuration is parallel the tollfree rings of your fax machine must be set to a higher level than the rings of your answering device. Set your fax machine in accordance with the table below:

Answering machine:	Fax machine:
1 ring	3 rings
2 rings	4 rings
3 rings	5 rings



9 Troubleshooting

The following table contains an overview of the most frequent operating errors or problems and their possible causes and remedies.

Before calling our service desk, please consult this table which has been compiled by our service engineers. In most cases you will be able to solve the problem yourself.

<i>The faxes are of poor quality</i>		
Error	Possible cause	Remedy
You or your fax correspondent receive blank pages.	The thermal paper is not properly loaded. Your fax correspondent sends the wrong (blank) side of a document. The printer is faulty.	Load the thermal paper properly. Your fax correspondent must feed the document properly. Test the fax machine by making a copy. If your copy is faultless the correspondent's fax machine might be defective. Call service if necessary.
Faxes are of poor quality.	The document contains photographs or small print. The document lacks contrast. Your fax machine is faulty.	Change the resolution setting to FINE or PHOTO. Check the document. Test the fax machine by making a copy. If your copy is faultless the correspondent's fax machine might be defective. Call service if necessary.
Your fax or your recipients fax machine produces vertical black lines when printing.	There is paper in the sheet feeder or the scanner is dirty. Your fax machine is faulty.	Open the operation panel and remove the paper from the document feed slot. Test the fax machine by making a copy. If your copy is faultless the correspondent's fax machine might be defective. Call the service if necessary.

Problems when establishing a connection

Error	Possible cause	Remedy
You cannot phone or send faxes.	Wrong dialling mode selected. You are operating your fax machine on a private branch exchange and have not set it accordingly.	Change the dialling mode with function 15. In Function 15, select PABX: Yes.
TRANSM. ERROR  CHECK DISPLAY Error report	The telephone connection is of poor quality. The recipient has a paper jam or has run out of paper.	Try again. Call your fax correspondent.
NO CONNECTION or REDIAL FAILED	Your fax correspondent's line is busy, does not answer or a different device answers.	Try later or draw your fax correspondent's attention to a possible installation fault.
NO LOOP CURRENT	Your fax machine is not properly installed or not properly plugged in.	Check the installation of your fax machine.
NO DIALTONE	You are connected to a PABX system. You have connected your telephone cable to socket on the bottom of your fax machine identified with EXT.	Check the settings in function 15. Connect your telephone cable to the socket on the bottom of your fax machine identified with LINE.
When you lift the handset of your fax machine you do not hear the dial tone.	You have connected the telephone cable to the socket on the bottom of your fax machine identified with EXT.	Connect your telephone cable to the socket on the bottom of your fax machine identified with LINE.
BUSY or fax transmissions are constantly interrupted.	Your fax correspondent has a fax machine that cannot receive the usual standard identifying signals.	Try to send the fax manually: press the DIAL or LOUDSPEAKER key and dial the fax number. You will hear the call being established. If the receiver is using an automatic answering machine, wait until you hear a tone after the prerecorded message and then press the START key.
You cannot receive any faxes (you have set the ringing signals with EXPERT mode).	You have set the total number of rings (TOTAL RINGS: _) to a too high value. For many fax machines, the call establishment procedure is too long, and transmission is interrupted.	Set the total rings or the tollfree rings to a lower value than five in function 31 or 32 FAX:EXPERT.

Other		
Errors	Possible cause	Remedy
Copy is blank.	Document loaded the wrong way up. Thermal paper is not properly loaded.	Load the document with the printed side up. Load the thermal paper correctly.
On lifting the handset of your fax machine you hear a tone or silence.	The caller is trying to send a fax.	Press the START key. Then replace the handset.
On lifting the handset of an additional telephone you hear a tone or silence.	The caller is trying to send a fax.	You can start your fax machine by pressing keys (*) and (5) .
On lifting the handset of an additional telephone you hear in the background the ringing tone or, depending on the device type, the activated outgoing message of your own built-in answering device.	Your additional telephone is connected in parallel.	Press the (*) key twice to switch off the ringing tone or the outgoing message. You can now make a call without interferences (see chapter 8 Additional functions/Easy Link).
Received documents do not appear as normal at the front of the fax machine.	There is a thermal paper jam at the paper outlet on the underside of the machine.	Press the STOP key for two seconds: Pull out the crumpled paper carefully from the front of the machine. In case you cannot remove the paper jam completely: Lift up the operation panel and the inner paper cover. Remove the jammed paper. Insert the paper once again. Close the machine and press STOP to press the thermal paper against the internal transport roll.
Only for fax machines with built-in answering device: You have switched on your answering device and cannot receive any faxes.	You have background music. Your outgoing message is too long.	Record a message without music. Record a shorter announcement (no longer than 20 seconds).
DOCUMENT JAM	Your document was not drawn in straight.	Open the operation panel and pull the document carefully outwards in one direction.
EXTERNAL PHONE	You are now using an additional device.	Check the additional device!



If you cannot rectify a fault using the instructions provided, please disconnect from the mains. Wait at least ten seconds and reconnect.



If the fault recurs, please contact your customer information centre.

Service code

Function 45 Service code is used to delete some or all of your changes to the factory settings. This function enables you to partially or fully reconfigure your device. It is especially helpful if you have modified settings but find that your fax machine does not respond as expected.



Only use this function if absolutely necessary. If you are satisfied with the factory settings you should not use this function.

The following codes are available to you:

Code No. 7117

This code erases all your modifications to the factory settings. The fax machine will therefore react in exactly the same way as on first installation.

Code No. 7140

When you enter this code, all your entered settings and data will be erased, except for:

- your personal outgoing message in your answering device *
- received messages *
- stored short dial numbers
- stored telephone book numbers
- your name
- your telephone number

Example for using a service code:



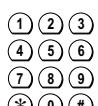
Select function 45.

45 SERVICE CODE



Press the OK key.

CODE: _



Enter a code.

CODE: 7140



Press the OK key.

SURE: NO



With CURSOR LEFT/CURSOR RIGHT you can select whether you really want to delete your settings. Confirm with OK. Your fax machine will be reset to its original configuration.

SURE: YES

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* only for fax machines with built-in answering device



After deleting some or all of your custom settings please rerun an Easy Install.



10 Appendix

Technical specification

Compatibility	ITU Group 3
Type of connection	outside line (PSTN) / extension (PABX)
Flashtimes	outside line: 100 ms extension (PABX): 100 ms
Size of document	Width: 148–217 mm Length: 105–600 mm Thickness: 0.05–0.15 mm
Maximum scanning width	216 mm ± 1 mm
Resolution	horizontal: 8 points/mm (200 dpi) vertical: standard 3.85 lines/mm FINE 7.7 lines/mm
Photo mode	16 grey tones (fax machine without integrated answering device) 32 grey tones (fax machine with integrated answering device) correction automatic
Contrast control	fine and photo resolution
Copying	MH, MR
Data compression	V29bis, V27ter, V21
Modulation	9600/7200/4800/2400 bps
Transmission speeds	stand by mode: < 20 dBA
Sound power level	copy mode: < 40 dBA thermal paper printer
Printing method	210/216 mm x 15/30 m roll
Thermal paper	1 sheet
Document feed	DAY/NIGHT/TIMER
Fax switch	275 x 210 x 108 mm
Dimensions	about 2 kg
Weight	stand by: about 3 W
Power consumption	telephoning: about 5 W sending a standard letter: about 20 W receiving a standard letter: about 35 W
Power supply	220–240 V / 50–60 Hz
Speech recording time	15 minutes
Speech output	yes
Allowed operating environment	temperature: 5–40 ° C relative humidity : 15–85 % RH not condensing
Recommended operating environment	in use: temperature: 17–28 ° C relative humidity: 20–80 % RH not condensing in unplugged status (ready for operation with thermal paper loaded): temperature: 0–45 ° C relative humidity: 15–85 % RH not condensing

Glossary

<i>additional device, additional telephone</i>	You can operate your fax machine together with additional devices such as (cordless) telephones, an answering machine etc. on a single telephone line. You have to enter some specific settings.
<i>document</i>	The written note you want to send by fax to another party.
<i>DTMF</i>	Short for: Dual Tone Multiple Frequency. With this signal you can start fax reception from an additional telephone which has tone dialling.
<i>fax paper</i>	see thermal paper
<i>fax switch, automatic and manual receive</i>	The fax switch analyses incoming calls and detects whether it is a normal call or a fax call. If you have chosen automatic receive a fax will be received automatically and silently. If you have chosen manual receive, the fax switch is not operating and faxes can only be received by pressing START.
<i>home telephone system (HTS)</i>	Many private households have installed a home telephone system. Such a system offers the possibility of internal communication but operates on only one single telephone line.
<i>incoming message</i>	A message left by a caller when the answering device is switched on.
<i>outgoing message (OGM)</i>	A pre-recorded message is included. When your answering machine is switched on the caller hears this message which is followed by a beep tone.
<i>parallel</i>	Depending on the country more than one telecommunication device will be connected either serial or parallel to the telephone line.
<i>polling</i>	You can collect documents which have been prepared for collection at a remote fax machine.
<i>private branch exchange (PABX),</i>	Private branch exchange systems are common in most large companies. They provide a kind of internal telephone network. In order to connect to the public network you must first dial an outside line.
<i>PTT</i>	This is the term used for the network supplier e.g. B.T.
<i>pulse dialling</i>	The old dialling mode is pulse dialling. Every number key has a specific number of pulses assigned to it.
<i>sender identification</i>	On most fax machines the name and the number of the user can be entered. This so called sender identification will be printed on the fax receipt and will also appear on the display of the fax correspondent's machine.
<i>serial</i>	Depending on the country more than one telecommunication device will be connected either serial or parallel to the telephone line.
<i>TAM</i>	Abbreviation for Telephone Answering Machine.
<i>thermal paper</i>	Special paper, which turns black by heating it.
<i>tone dialling</i>	Tone dialling is the modern dialling mode. Every key has a different tone assigned to it.

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Your international guarantee

Dear customer,

Thank you for purchasing this PHILIPS product which has been designed and manufactured to the highest quality standards. If, unfortunately, something should go wrong with this product PHILIPS guarantees free of charge labour and replacement parts irrespective of the country where it is repaired during a period of 12 months from date of purchase. This international PHILIPS guarantee complements the existing national guarantee obligations to you of dealers and PHILIPS in the country of purchase and does not affect your statutory rights as a customer.

The PHILIPS guarantee applies provided the products are handled properly for its intended use, in accordance with its operating instructions and upon presentation of the original invoice or cash receipt, indicating the date of purchase, dealer's name and model and production number of the product.

The PHILIPS guarantee may not apply if:

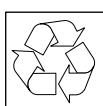
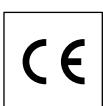
- the documents have been altered in any way or made illegible;
- the model or production number on the product has been altered, deleted, removed or made illegible;
- repairs or product modifications and alterations have been executed by unauthorised service organisations or persons
- damage is caused by accidents including but not limited to lightning, water or fire misuse or neglect.

Please note that the product is not defective under this guarantee in the case where modifications become necessary in order for the product to comply with local or national technical standards which apply in countries for which the product was not originally designed and/or manufactured. Therefore always check whether a product can be used in a specific country.

In case your PHILIPS product is not working correctly or is defective, please contact your PHILIPS dealer. In the event you require service whilst in another country a dealer address can be given to you by the PHILIPS Consumer Help Desk in that country, the telephone and fax number of which can be found in the relevant part of this booklet.

In order to avoid unnecessary inconvenience, we advise you to read the operating instructions carefully before contacting your dealer. If you have questions which your dealer cannot answer or any related question please write or call:

for the UK:	for Ireland:	for Hong Kong:	for Taiwan:
PHILIPS Consumer Communications Ltd. Centre Unit 4, Elmwood Chineham Business Park Crockford Lane Basingstoke RG24 8 WG UNITED KINGDOM Phone: 0645-282828 Fax: 0181-7841406	PHILIPS Electronics Ireland Ltd. Consumer Information Centre Newstead Clonskeagh Dublin 14 IRELAND Phone: 01-7640292 Fax: 01-7640299	PHILIPS Hong Kong Ltd. Consumer Service Division Unit A, 10/F Park Sun Building 103-107 Wo Yi Hop Road Kwai Chung, N.T. HONG KONG Phone: 2619-9663 Fax: 2485-3574	Philips Taiwan Ltd. Consumer Information Nr. 96 Section 1, Chien-Kuo N. Road Taipei TAIWAN Phone: (02)-2382-4567 Fax: (02)-2134-2670



The CE mark confirms that the machine corresponds to the relevant guidelines of the European Union.

This operation manual has been printed on chlorine-free, recycled paper, in line with the highest standards of environmental friendliness.

The used cardboard packaging as well as the cardboard protecting your facility at its sides made of waste paper can be recycled like waste paper; corresponding to your country's demands dispose the plastic foils either for recycling or with your rubbish.

This electronic facility contains recyclable material. At the end of use of this facility please inform yourself about the corresponding recycling demands of your country.

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