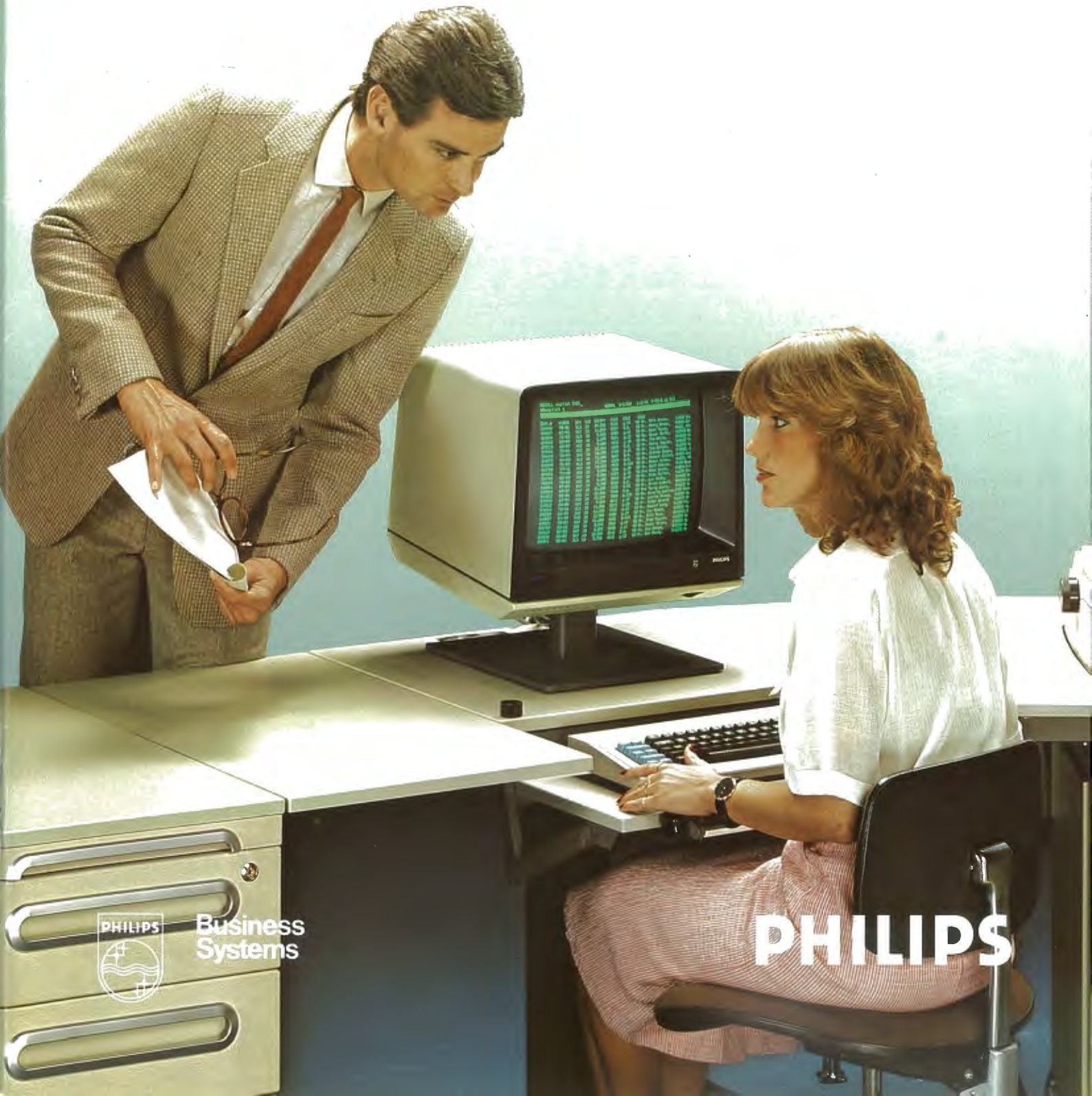
word processor P5003

versatile... efficient
...and a pleasure to work with



Philips Word Processor P5003

In recent years, Word Processing has caused a dramatic change in the business world, particularly in offices with a high volume of paperwork or where speed and quality of typing are of great importance. Because word processing is a highly efficient and cost-effective technique for producing typed documentation. Letters, reports, and other documents can be originated, edited, revised, altered in format and reproduced, all with incredible ease, and extremely rapidly. And the finished product is of the highest possible quality.

Word Processing also simplifies procedures which are normally difficult or costly to carry out, such as personalizing letters and filling in forms. And it makes filing and recalling information from files so simple and convenient.

As a result, management enjoy the reward of increased productivity, fast turn-around and improved quality. Which not only means considerable cost saving, the company image is much improved as well. Staff benefit from easier working with less routine, less repetitive work, and a more enjoyable working environment.

Philips, one of the world's leading suppliers of all kinds of office equipment and systems, have an in-depth, first-hand knowledge of office working procedures and requirements. This experience and know-how contributed significantly towards the successful introduction of our first Word Processor, the P5001, a magnetic card system with many features and outstanding ease of operation.

A natural follow-up and complement to the magnetic card system was the Flexible Disk Word Processor P5002, which has even more features and facilities, many of them unique to Philips. And it still offers amazing operational simplicity.

...the flexible addition to a distinguished family

Now there is the P5003, an improved version of the highly successful P5002, with even greater versatility and flexibility. All relevant programs are stored in the working memory of this Word Processor. Not only does this mean that each function is instantly available when needed, it also enables multiple tasks to be carried out simultaneously. The scope of the P5003 has been extended as well, through the introduction of several Data Communication packages, which are becoming increasingly important in today's business world. The P5003 also includes a number of design modifications which considerably enhance ease of operation and user comfort.

Increased efficiency, versatility and operational ease and comfort

Extremely versatile - yet so easy to use
The Philips P5003, with its high-capacity, flexible disk storage, is an exceptionally versatile word processor. As well as the facility to originate, revise and reformat texts, the P5003 has an unusually wide range of exciting operational features, many of them unique, which simplify and speed up the typing, filing and sorting of all kinds of documents. This versatility is largely due to multi-tasking and the fact that the system and application software are not limited by being permanently built in. Instead they are stored on flexible disks. A combination of various programs is loaded into the program memory in one process. Each of the stored functions is then constantly available and can be instantly called up when required. Because of this and the multi-functioning capability of the P5003, several different tasks can be performed simultaneously. The operator can, for example, prepare an urgent report, or work out calculations on tables of figures, while the word processor is automatically selecting addresses and typing out personalized covering letters. If so desired, it can even send and receive information via the telephone (Data Communication). All of these tasks can be done at the same time.

For all its outstanding versatility, the P5003 is extremely easy to operate. The keyboard, for example, has the standard typewriter layout with separate function keys. The use of mnemonics for keying in commands makes operation quick and easy. Touch typing can be used for command sequences, and the operator can easily memorize command sequences.

Full control with the VDU
The operational simplicity of the P5003 becomes more evident when you look at the VDU screen. To start with, the characters are large, sharp and clear, and the brightness is adjustable so the operator can set it for maximum comfort. At the top of the display area, three lines are reserved for status information. These provide the operator with a constant visual reference to what is happening, confirming the mode chosen, and reminding the operator of parameter settings such as tabs, margins, pitch, and so on. The status information also gives the line and column numbers of the cursor position. The cursor is a flashing underscore which indicates on the screen where the next character to be keyed in will appear.

At any time, the screen can display 28 lines of text with up to 80 characters per line. However, the system can memorize much larger documents, extending to a full 249-character width or up to 94 lines of text. By means of scrolling, the screen can be made to display any part of a large document.

Non-stop typing
Typing on to the screen is an incredibly simple and speedy process, because it's just like typing one long continuous line. Moving to a new line is done completely automatically on the screen and without breaking words. And while it is possible to correct mistakes simply by backspacing and overtyping, corrections can just as easily be done after the main text has been typed on the screen, together with all other editing operations.

Filing simplicity
The flexible disk, with its capacity to store as many as 128 pages of text, each page equivalent to a typed A4 sheet, provides the facility to file frequently-used terms, text passages, mailing lists, classified and statistical information. Each item is filed under its own user-definable name, consisting of up to 12 characters specified by the operator.

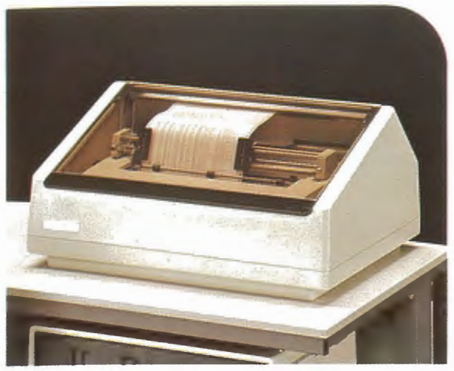
A complete index of all filed items including page numbers can be displayed on the screen, so the operator can see at a glance the contents of any disk. With the index on the screen, files and file pages can be renamed, renumbered, deleted or rearranged as required, without actually going into the files themselves.

Another facility of the P5003 is the possibility to have a "deletedpages" file. Any page or document that is deleted is automatically stored in this file and can be retrieved should the need arise.

Dual disk drive units
The two disk drive units of the P5003 can be used together or independently. This gives greater flexibility of operation and provides the operator with more systems combinations. It is possible for information to be duplicated from one disk on to another. This can be carried out while other tasks are in progress. The disks used with the P5003 are fully compatible with those for the P5002. Operations involving the disks, such as search, sorting, duplication etc., are done at a higher speed on the P5003.

High quality printing
Typed documents are produced to a very high standard using a high-quality daisywheel printer which prints at 45 characters/second in both directions across the paper. A wide choice of typestyles are available on interchangeable daisywheels, which the operator can remove and replace in seconds. Pitch and line spacing can also be set by the operator. And a neat, error-free print-out is obtained first time. The printer further contributes towards increased productivity and simplification of operator tasks through its ability to print multipage documents automatically. Both single sheets and continuous form paper can be used, and the offset at the top of each page and type limit (i.e. the number of lines per page) can be preset with the P5003. An optional sound cover is available which matches the elegant design of the system. Printing versatility can be substantially increased using the optional wide track and dual head printers.

A standard typewriter keyboard is used for typing text on to the screen of the VDU (Video Display Unit). The keyboard and VDU are separate, and independently adjustable, for maximum operator convenience.



Flexible disks provide a high-capacity, yet compact and easily accessible storage/retrieval medium for filing finished documents and frequently-used standard information. A program disk is used for loading the system program.

By means of dual disk drive units, information can virtually instantaneously be recorded on to or recalled from the flexible disks. Information can be sent and received via the telephone (background function) while the operator carries out other tasks (foreground function).

Printing on to paper is done by a high-quality, high-speed, character printer which will accept information from the VDU screen, flexible disk or even direct from the keyboard. Printing from the flexible disk can be carried out without interrupting other tasks.

P5003... convenience, quality, improved communication

With the Philips P5003 Word Processor, complex and repetitive tasks become simpler and more convenient to do; the finished product is always of the highest possible standard; and, consequently, communication objectives are achieved much more effectively, and the user's company image is improved. On this and the next few pages, we have included a number of examples to illustrate how these important practical benefits are reached through the many operational features of the P5003.

Revision

The example on this page shows just how easily text can be corrected, revised and changed in format. At the top is the original draft of a letter on which the editor's comments have been incorporated. Below it is the final revised print-out. To obtain this result, the following functions were applied to the original text on the VDU screen:

Correction: "p" was changed to "o" by simply overtyping.

Moving: the second paragraph was moved to a new position.

Insert: "e" was added to "some" and "Processing" was inserted; the text automatically makes room for the insertion and closes up again afterwards.

Indented paragraph: the cursor was used to specify new left and right margins for the third paragraph; and following the "format-paragraph" command, rearrangement of the whole paragraph took place instantaneously.

Underline: using this command function, the whole paragraph was underlined automatically.

Delete: the word "and" was deleted and the text closed up automatically.

Mr. James Brown
159 High Street
Windsor, Berkshire

Dear Mr. Brown,

you
At the conclusion of our meeting last Tuesday, ypu requested that I put
in writing to you som of the advantages of the Philips Word System.
some Processing

Routine letters, memos, reports, figures, contracts and personalized
letters... the P5003 assures you fast turnaround on anything typed. You
always get back clean, neat, finished copy, all text perfectly spaced and delete
and paragraphed, while the subject is fresh in your mind.

The P5003 combines reliable computer technology with the versatility of a
visual display screen. This enables you and your typist to cut through
those mountains of paperwork in a fraction of the time normally required
by electric typewriters and conventional filing systems.

underline and indent left & right (10)

On the following pages are listed some of the applications for the P5003
and how they can benefit your company.

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Word Processing Department
Comparison of Actual and Budgeted Expense - 2nd Quarter 1980 - $

Type of Expense	APRIL Actual	APRIL Budget	APRIL Variance	APRIL Cumulative Variance	MAY Actual	MAY Budget	MAY Variance	MAY Cumulative Variance	JUNE Actual	JUNE Budget	JUNE Vari
Salaries	7,500.00	8,000.00	(500)	(500)	7,800.00	8,000.00	(200)	(700)	8,100.00	8,000.00	10(
Travel Expenses	500.00	500.00	0	0	450.00	500.00	(50)	(50)	475.00	500.00	(2
Office Rent	400.00	400.00	0	0	400.00	400.00	0	0	400.00	400.00	
Telephone	800.00	300.00	500	500	700.00	400.00	300	800	750.00	500.00	25(
Supplies	250.00	200.00	50	50	150.00	200.00	(50)	0	200.00	300.00	(10(
TOTAL	9,450.00	9,400.00	50	50	9,500.00	9,500.00	0	50	9,925.00	9,700.00	20(
Expenses	15.	18.	19.	28.	198	178	145	342	374	867	465

Tabular formats

Flexible tab settings and the ability to handle wide pages with up to 249 characters per line make the preparation of clean and tidy tabular information a simple matter, as this example shows.

Decimal alignment: the decimal alignment mode simplifies and speeds up the task of typing columns of figures; the operator simply keys in what is seen and the decimal point is allowed for automatically.

Moving columns: it is very easy to move columns of information with the P5003. Once the column, or any part of it, has been defined in terms of its margins, it can be moved with the cursor in any direction across the screen. So even tabular information can easily be revised or rearranged.

Formatting

The P5003 provides outstanding flexibility in text layouts, and this is particularly useful in the preparation of forms and reports. Lists or paragraphs of text can be adjusted quickly and easily to obtain a cleaner, neater presentation, or simply to add emphasis to particular sections.

Centering: any amount of text can be automatically centered between the margins with a single command.

Hyphenation: in hyphenation mode, each line is checked automatically and possible word breaks are highlighted; the operator can accept or amend suggested word breaks.

Justification: text, including sub-paragraphs, can be printed with the right-hand margin automatically justified, if so desired. This function can even be applied to single lines or paragraphs.

The central attribute of words in communication is manoeuvrability - the endless ways in which they can be combined to carry ideas, messages, and information to every sphere of organised activity.

It is therefore surprising to find that the first draft is often a final draft. Making a text more effective by altering a few words is left undone because the whole document would have to be re-typed. Effective communications are sacrificed to the limitations of conventional technology.

The P5003 responds to the intrinsic manoeuvrability of language by never freezing words on paper until every revision has been accomplised. Formats can be varied until YOU find the one that gets YOUR message over most SUCCESSFULLY.

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ARMED AIRCRAFT

1. If a visiting aircraft lands in an armed condition, no attempt will be made to disarm or unload it. The aircraft must be parked on the airfield in the safest pos sible location and the pilot will ensure that all armament switches are OFF before leaving aircraft.

2. An armed aircraft which is parked must be suitably marked with signs to warn personnel of the danger.

GROUND SAFETY PINS

3. A complete set of

AVION ARMÉ

1. Si un avion visiteur se présente armé, aucune mesure ne doit être prise pour le désarmer ou le décharger: l'avion sera parqué sur le terrain dans la meilleure position possi de sécurité, et le pilote d surer avant de quitter tous les interrupteu sont sur OFF.

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GROUND SAFETY PINS

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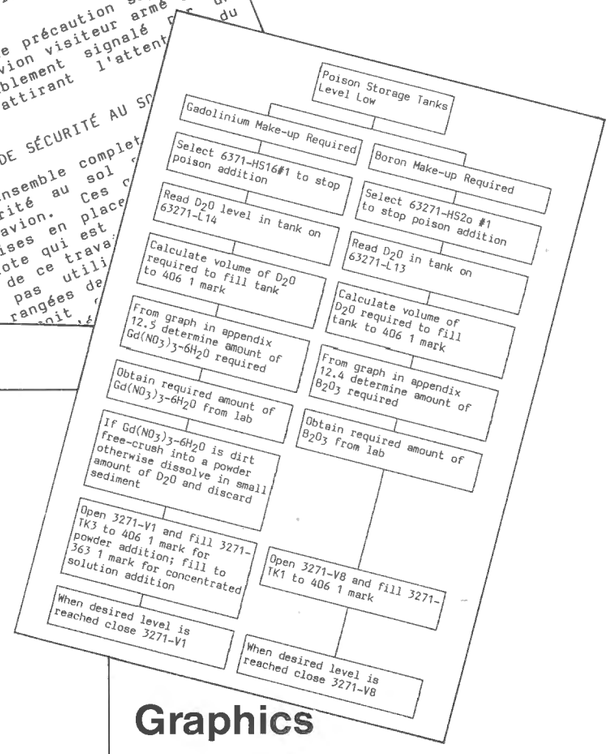
2. A titre de précaution supplémentaire, tout avion visiteur armé devra être convenablement signalé



Dispersion equations

The dispersion equations follow from a substitution of the perturbed particle and current densities, derived in Section 7, into the Maxwell equations in the θ-representation. The latter equations are obtained from Eq. (3.9) after the application of the operator P_α (see Eq. (5.2) and of the radial expansion (5.11).
Substituting the perturbed particle densities (7.2) and (7.15) into Poisson's equation $k_\chi^2(1+k_S^2)\phi_\alpha = 4\pi e(n_{i\alpha}-n_{e\alpha})$, we get

$$-\frac{T_e k_\chi^2}{4\pi n e^2}(1+k_S^2)\phi_\alpha =$$

$$\frac{T_e}{T_i}\frac{T_i}{T_e} + 1 - \Gamma_o + \frac{\omega_{*i}}{\omega_\alpha}\Gamma_o(1-\eta_i M) - \frac{\omega_{Di}^{(1)}}{2\omega_\alpha}\Gamma_o(C_1+C_2)$$

$$+\frac{\omega_{Di}^{(2)}}{2\omega_\alpha}\Gamma_o C_2\left(\bar{\phi}_\alpha + \left(1-\frac{\omega_{*e}}{\omega_\alpha}\right)\bar{\psi}_\alpha + \bar{N}_\alpha\right.$$

$$+\frac{T_e}{m_i\omega_\alpha^2}\frac{1}{J}\frac{d}{d\bar{\theta}}\frac{\Gamma_o C_1}{B^2 J}\frac{d}{d\theta}\left(\phi_\alpha+\bar{\psi}_\alpha\right)+ i\frac{T_e}{eB}\frac{\Gamma_o C_3}{b}k_\chi(1+\bar{k}_S^2)\bar{A}_{\alpha\psi} \quad . \qquad (8.1)$$

Differentiating the Maxwell equation $k_\chi^2(1+\bar{k}_S^2)\bar{A}_{\alpha\parallel} = (4\pi/c)(J_{e\alpha\parallel}+J_{i\alpha\parallel})$ with respect to $\bar{\theta}$ and subsequently using Eq. (7.5), we obtain

$$\frac{ic}{\omega_\alpha}\frac{d}{d\theta}\frac{k_\chi^2(1+\bar{k}_S^2)}{JB^2}\frac{d}{d\theta}\bar{\psi}_\alpha = \frac{4\pi}{c}\frac{d}{d\theta}\frac{J_{e\alpha\parallel}+J_{i\alpha\parallel}}{B} \quad .$$

Multiple margins

Multiple left and right margins allow formation of up to nine separate and independent columns of continuous text. Each column can be treated on the screen like an individual page; text can be revised, adjusted, changed in format, and even printed justified. So multi-column documents, for example different language versions as shown here, can easily be prepared and revised without affecting each other.

Graphics

A particular advantage of the P5003 is its ability to draw lines. Flow charts, block diagrams and other graphics can be constructed with remarkable ease and versatility. Text sections can be done either before or after the graphics.

Sub and superscripts: this example also demonstrates the ability of the P5003 to handle sub and superscripts. This can save time and guesswork in the preparation of technical or scientific documents and reports.

Formulae: printing of complex scientific formulae together with normal text is facilitated by the dual head printer.

Record processing/ personalized letters

Mr. Harry Green,	330 Dorchester St.	Montreal, Que.	Mr. Green
Mr. Gwen Young,	12, 4th Avenue,	LaSalle, Que.	Mr. Young
Ms. Susan Smith,	3555 Berri St. Apt.1211	Montreal, Que	Ms. Smith
Mr. Jim White,	4930 St-Zotique St.	Montreal, Que	Mr. White
Mr. Harry Taylor,	8137 Viau Blvd.	St-Leonard, Que	Mr. Taylor
Mr. Tim Watson,	9276 Jeanne Mance St.	Montreal, Que	Mr. Watson
Mr. Graham Jones,	5305, 25th Avenue	Dorval, Que.	Mr. Jones
Mr. Robert Elliot,	885 Grant Blvd.	Longueuil, Que.	Mr. Elliot
Mr. Peter Aiden,	693, 43rd Avenue	LaSalle, Que	Mr. Aiden
Mr. Bill Robins,	38 Monette St	Dorion, Que	Mr. Robins
Mrs Rose Smith,	814 Pratt St.	Outremont, Que.	Mrs Smith
Mr. Mike Waller,	675 Bloomfield St.	Montreal, Que.	Mr. Waller
Mr. Len Selby,	3182 Joseph St.	Verdun, Que.	Mr. Selby
Mr. Brian Lamont,	8810 Lacordaire St.	St-Leonard, Que.	Mr. Lamont
Mrs Terry Leary,	1172 Jarry St.	Dorval, Que.	Mrs Leary
Ms. Beverly Leslie,	85 René philippe st.	Lachine, Que.	Ms. Leslie
Mr. Leslie Round,	6267 Belleau St.	St-Leonard, Que.	Mr. Round
Mr. Peter Arnold	4579 St-Martin West,	Lval,Que.	Mr. Arnold
Mr.	cy St. East	Montreal, Que.	Mr. Long
Mr.	louse St.	Lachine, Que.	Mr. Maron
Mr.	ron St.	Dorval, Que.	Mr. Mack
Mr.	ri St.	Montreal, Que.	Mr. Higins
Mr.	au Blvd.	St-Leonard, Que.	Mr. Brian
Mr.	memberance St.	Lachine, Que	Mr. Sneed
Mr.		Chomedey, Que.	Mr. Moody
		Que.	Mr. Aller

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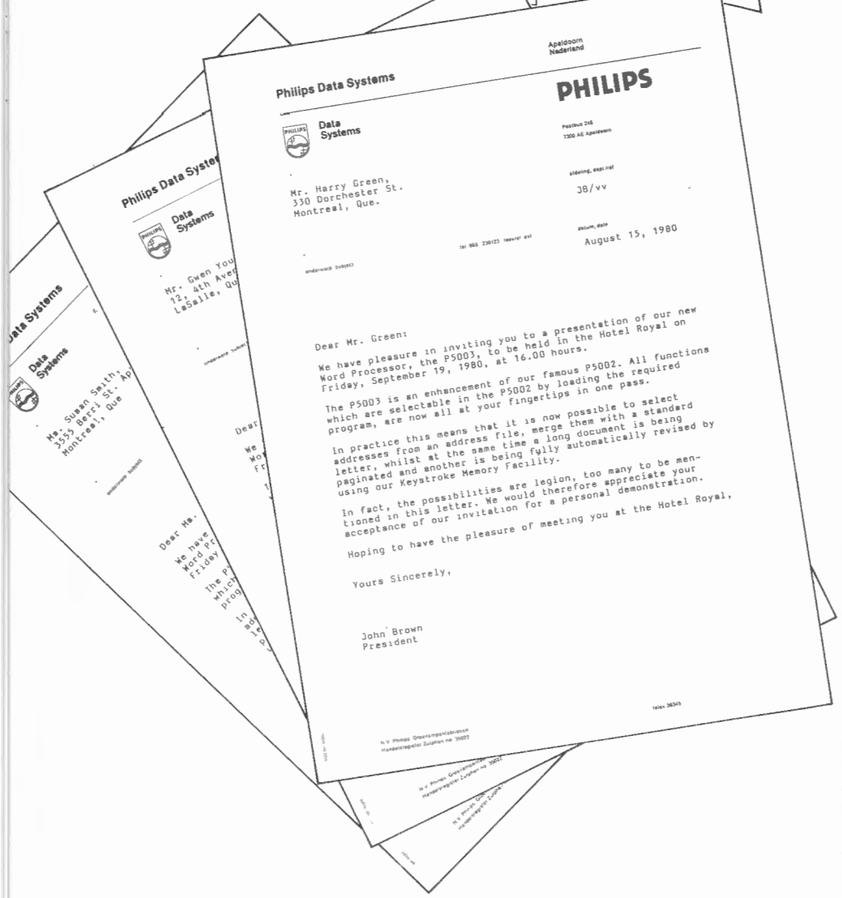

Record processing: this facility enables several different kinds of documents to be prepared from one set of data. For example, a tax consultant can, from the stored record of any particular client, quickly obtain a variety of completed documents - like a tax declaration form, a bill, a contract, etc. - all fully automatically.

Personalized letters: the P5003 can also save a great deal of time and money in the production of multiple letters. This makes it ideal for direct mail applications or where large numbers of personalized letters have to be produced.

The operator simply prepares the standard letter text on the VDU screen including codes instead of variables such as the recipient's name and address. All the different names and addresses are filed on a flexible disk. Using this disk, and with the appropriate command, the P5003 can be made to:
- print automatically all the required name and address lables;
- type automatically, on single sheets on continuous form paper, all the letters, substituting the various names and addresses for the codes in the standard letter.

In this way, the P5003 automatically relieves the operator of a time-consuming, boring task. Furthermore, the name, address and contents of each letter are all printed in one go, giving a clean impressive and more personal result, each letter having the appearance of being individually typed.

The Floppy Diskette has become the accepted way to store data in operator-friendly minicomputers. Ease of use and speed of operation are the two most persuasive reasons. A P5003 operator is able to recall any one of 254 pages to the CRT screen almost instantaneously, and an infinite number of pages can be made available in the few seconds it takes to load a new Diskette.

Hard wearing and hard working, the Floppy Diskette is a near-perfect solution to information storage in the Office. The Diskette is robust enough for mailing from one department to another, and, with a little handling care, should continue to offer a high standard of service for a number of years.

The P5003 handles the file organisation from the moment a page of data leaves the CRT screen in response to an operator instruction. All the operator has to do is specify a Textname and a Page Number. The system will place the page on the Diskette and create an entry in the index for easy reference at any future time.

Security is assured by a sophisticated Diskette organisation that presents a degree of flexibility usually associated only with large computer systems. Access is genuinely Random, which accounts for the very fast store and recall times. Texts are stored in packed form which means that the customer can exploit every sector of available Diskette storage to the full. Index duplication, the Deleted Pages facility, Updating by opening a new page rather than overwriting the old - all these features give added resilience to Floppy Diskette storage on the P5003.

The Flexible Disk has become the accepted way to store text in operator-friendly minicomputers. Ease of use and speed of operation are the two most persuasive reasons. A P5003 operator is able to recall any one of 254 pages to the visual display screen almost instantaneously, and an infinite number of pages can be made available in the few seconds it takes to load a new Disk.

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Library: as well as filing names and addresses, disks can be used to store standard passages of text and frequently-used or complicated terms such as those used in the legal and medical professions. The library function considerably simplifies and accelerates the composition of standard documents.

Glossary: an index of words or terms recurring throughout a document can be generated and filed along with the page and line numbers in which they occur.

Global replace

A unique facility of the P5003 is its ability to search an entire document for as many as 18 specific words or phrases at the same time, and to replace them wherever they occur with pre-defined alternatives, all fully automatically. Updating bulky documents, such as stock lists or operating manuals, is no longer a costly, time-consuming exercise with this facility. In the passage of text shown here, for example, "Floppy" has been replaced by "Flexible", "Diskette" by "Disk", "CRT" by "visual display" and "data" by "text", all in one go.

Locate: in this mode the P5003 is used to locate one or more specified words in a page of text.

Replace: this semi-automatic facility is similar to locate; when the word being searched for is located, the operator is given the option whether or not to implement a replacement.

Extensive capabilities

Text preparation on screen
Permanent display of format, mode and status messages
Display of prompts to guide the operator
Left and right indented paragraphs
Sophisticated revision facilities
Fast cursor movement
Paragraph and page reformatting
Subscripts and Superscripts
Centering of text between margins
Hyphenation semi-automatic
Decimal alignment automatic
Multiple margins, nine independent columns of text
Column move and exchange
Search for specified words or phrases
Replacement of specified words or phrases, semi-automatic or automatic
Repagination, semi-automatic or automatic
Format storage with files
Flexible filing with user-definable text names
128 pages per flexible disk max.
Automatic index
Duplication of files
Deletion of files
Automatic re-use of disk-space after deletion
"Deletedpages" facility
Global replace of up to 18 different words or phrases
Simultaneous printing - text preparation - storing - recalling of files
Right justify printing
Bold printing
Multiple pitch printing
Multiple linespacing
Automatic headers/footers
Automatic footnote tie-in
Adjustable offset
Adjustable typelimit - formfeed
Graphics for horizontal and vertical lines
Library for fast recall of frequently-used text items
Compilation of glossary of important words or phrases with page index
Automatic merging (serial letters)
Forms filing
Sorting
Arithmetics
Keystroke memory

Efficiency where it's needed

Personnel administration:
Job applications, employment contracts, salary revisions, testimonials, etc.

Accounts
Invoices and reminders for payment, changes in conditions of payment, etc.

Sales
General information, offers, order confirmations, reclamations, direct mail, confirmation of visit, etc.

Export
Foreign language correspondence, etc.

Purchasing
Orders, delivery inquiries, complaints, requests for information and quotations, etc.

Works organization
Working plans, programmes, memos, etc.

Banking
General banking correspondence, direct mail, import/export correspondence, circular letters, etc.

Insurance
General information, quotations, correspondence about claims, etc.

Local and national government
General information, building conditions, legal explanations, tenders, etc.

Medicine
Diagnoses, reports, etc.

Lawyers, patent offices, business consultants, accountants, registry offices
Contracts, financial statements, accounting reports, professional advice, notifications, test reports, court records, etc.

Estate agents
Quotations, property descriptions, etc.

Architects and engineering consultants
Project descriptions, tenders, etc.

Publishing
Advertising and subscription promotion, replies to readers' letters, etc.

Making the most of the P5003

The versatility of the P5003 Word Processor can be even further extended - and productivity increased - with the aid of a wide range of optional accessories that includes both hardware and software. These accessories can easily be installed in the field, so that new and existing users of the P5003 can build up systems to match requirements, systems that can be extended as needs grow. Users can also take advantage of the new options and accessories which are continuously being developed. Through the use of program disks, obsolescence is virtually eliminated.

Configurations

Standard system with two flexible disk stations and 45 cps printer
Satellite system with two flexible disk stations, without printer

Software options

Programs are loaded from flexible disk. Various selections from the following program packages can be combined on one disk.
The most powerful package "Pack III" contains all Word Processing functions, Record Processing functions, Sort and Arithmetics functions and the powerful Keystroke Memory.

Record processing
Easy maintenance of files
Selective recall of files
Production of multiple documents from records
Non-linear merge for serial letters

Sort
Automatic sort in 9 columns
Sort in ascending or descending order
Freely definable priorities
Sorting complete disk contents

Arithmetics
Application of basic calculations to columns or lines of figures
Storage of multiple commands for calculations
Calculator type addition, subtraction, multiplication and division of fixed point figures

Keystroke memory
Automatic memorizing of keystroke sequences for user programming
Repetitive execution, at the touch of a key, of memorized sequences
Storage of up to 10 sequences

Paragraph selection package
Fast assembly of letters and documents from pre-recorded paragraphs
Automatic insertion mode for variables
User-definable selections
Combined with Arithmetics and Keystroke Memory

User-programmable package
Easy to use programming in BASIC, Microsoft© 5.03 BASIC, extended version
Flexible use of text and data files

Data communication packages
Asynchronous communication
Synchronous communication
Communication between Word Processors (P5003 to/from P5003 or P5002)
Telex punch output

More detailed information on software packages is contained in separate data sheets available on request.

Hardware options

55 cps printer
Increased printing speed for high-volume applications

Rear out-of-paper detect
For continuous stationery and unattended operation
Stops printer at end of page, when paper supply is interrupted

Forms tractor
For continuous stationery
Pulls paper accurately through printer
Adjustable sprocket distance between 50 mm and 355 mm

Single sheet feeder
Installable on top of printer
Automatically inserts new sheets
Stores printed pages in tray

Wide track printer
Wide platen for paper up to 711 mm or 28"
Maximum line length 249 characters

Sound cover
Virtually eliminates printing noise (reduces sound level by approx. 25 dB A)
Designed to match P5000 family
Opens for easy access to printer and paper
Option for use with Single Sheet Feeder

Shared printer facility
Use of one printer for two systems (same office)
Printing on "first come - first served" basis

Executive work station
Second screen/keyboard combination for alternative use
Work station for originator or manager

Serial controller
Interface board for:
- data communication
- telex punch

More detailed information on hardware options is contained in separate data sheets available on request.

Sort

Columns of information can be automatically rearranged in alphabetic or numeric sequence, either in ascending or descending order. The operator simply specifies the ordering details for each column and column priorities. In this example, the information was rearranged in less than a second, with column 3 sorted alphabetically column 4 alphabetically and column 1 chronologically, in that order of priority.

DATE	NO	DESCRIPTION	COMPANY
79/07/14	60	Absorbers, microwave	Canadian General Electric
79/08/07	25	Joints, fixed	Magna International Inc.
79/08/10	68	Circulators, ferrite	Abbey Electronics Ltd.
79/08/15	25	Couplers, coaxial	Ferritronics Ltd.
79/08/20	87	Joints, rotating	Magna International Inc.
79/08/20	25	Mixers	Abbey Electronics Ltd.
79/08/25	36	Joints, fixed	Hooker Electronics Ltd.
79/08/25	80	Joints, rotating	Hooker Electronics Ltd.
79/09/24	85	Absorbers, Microwave	Corning Glass Works of Canada
79/10/20	10	Circultaors, ferrite	Payette Radio Ltd.
79/11/01	08	Joints, rotating	Aviation Electric Ltd.
79/11/08	40	Couplers, coaxial	Ferritronics Ltd.
79/12/05	25	Couplers, coaxial	Ferritronics Ltd.
79/12/08	45	Absorbers, microwave	Magna International Inc.
80/02/26	10	Couplers, coaxial	Electronic Components
80/04/25	80	Joints, fixed	Payette Radio Ltd.
80/05/14	10	Dividers, power microwave	Componetics Ltd.
80/05/15	6	Couplers, coaxial	Electronetic Systems Ltd.
80/05/27	45	Joints, rotating	Componetics Ltd.

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Technical summary

Keyboard

separate electronic keyboard

Number of keys
48 (alphanumeric) plus 25 function keys

Repeat function
automatic on selected characters, all others with repeat key

Fast cursor movement keys

Video display unit

Display
15" screen, adjustable brightness

Characters
15 x 8 dot matrix
256 (including multilanguage characters)

Display size
80 characters per line, 31 lines per page (3 control lines)

Automatic scroll
94 lines vertical
249 characters horizontal

Physical adjustments
rotatable: up, down, left, right

Dimensions
38 cm (h) x 48 cm (w) x 60 cm (d)

Weight
19 kg

Printer

Daisywheel printer
microprocessor-based, for single sheets or continuous form

Speed
45 characters/sec., bi-directional

Printwheel
96 characters, wide choice of typestyles

Form feed
11", 12" programmable in single-line increments

Pitch
variable 3 to 13, 15, 17, 20, 24, 30 and 40 characters/inch

Line spacing
variable in ¼-line increments

Printing width
335 mm

Paper width
381 mm

Ribbon cassettes
single-strike, multi-strike and fabric (various colours)

Dimensions
20 cm (h) x 60 cm (w) x 45 cm (d)

Weight
23 kg

Central processing unit

ZILOG Z 80A microprocessor
128000 characters of memory

Working memory
8000 characters

Flexible disk unit

Dual disk unit
for text storage and program load

Flexible disks
single-sided, hard sectored, 77 tracks, 32 sectors

Pre-formatted flexible disks

Capacity
more than 300000 characters, approx. 128 A4 pages

Pedestal dimensions
67 cm (h) x 58 cm (w) x 52 cm (d)

Weight
34 kg

Power requirements

Voltage
115/220/240 V a.c., 50/60 Hz

Power consumption
650 VA max.

A world of service

Philips have been one of the world's major suppliers of office equipment for many years. And this experience is reflected in the superb performance and outstanding ease of operation of the P5003 Flexible Disk Word Processor.

For most suppliers that would be more than enough. But not Philips. Comprehensive after-sales services are provided internationally. So wherever you are, you can rely on Philips to back you up. It's not really surprising therefore that Philips have become a leading supplier of office equipment of all kinds, including office and business computers; terminal systems; personal computers; dictation equipment and systems, pocket memos; and, of course, word processing systems.

Business
Systems

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