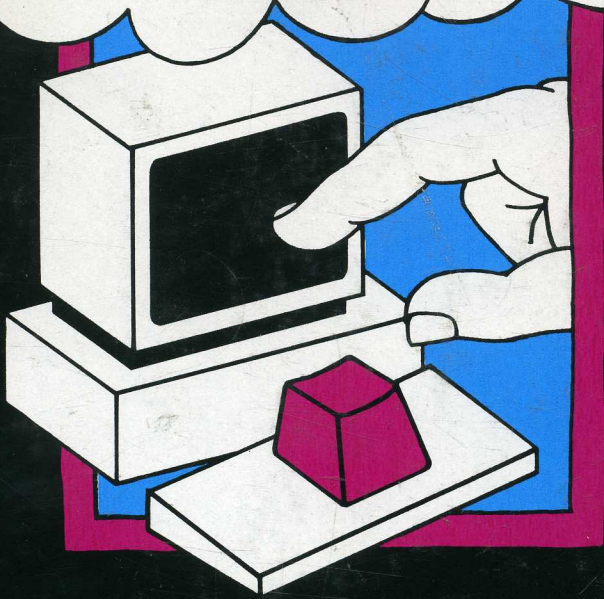


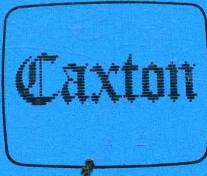
SMART KEY



The Stroke of Genius

SMART KEY

Lets you control
your computer with
a single keystroke



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IMPORTANT NOTES FOR AMSTRAD USERS

CPC 6128 USERS

Some of our products make use of the [Esc] key. If you experience difficulty using this key, hold down the [Control] key and type '[' whenever you need to use [Esc]

PCW 8256 USERS

Some of our products make use of the [Esc] key. This key is called [Exit] on the PCW 8256.

Some of our products make use of the [Control] key. This key is labelled [Alt] on the PCW 8256.

THE OPERATING ENVIRONMENT - Very Important Note

This product only runs under the CP/M or CP/M Plus operating systems. Either one of these must be loaded before you can begin to use it. Please refer to the documentation you received with your computer to establish how you do this. On the Amstrad CPC-6128 you must call CP/M from within BASIC. On the PCW-8256 you must load a special diskette. On other systems, CP/M may already be up and running when you turn your computer on.

As a general guide, if you see the A> prompt displayed on your screen it usually means that the correct operating system is up and running.

FROM THIS POINT ON AND THROUGHOUT THE REST OF THIS MANUAL WE ASSUME YOU ARE OPERATING IN EITHER THE CP/M OR CP/M PLUS OPERATING ENVIRONMENT.

Copying Your Master Diskette

To make a working copy of your Master diskette you must have properly formatted at least one other diskette (see above). Please ensure that this is available before you begin. Then, to see how you copy information from one diskette to another, make sure that your operating system is loaded and the A> prompt is displayed. Then follow the steps below:

- STEP 1 - Type 'PIP'
- STEP 2 - Press [Return]

The following message (or similar) will appear on the screen:

```
CP/M 3 PIP VERSION 3.0
*
```

If your computer has only one diskette drive (drive A:) put your Master diskette in it and have your formatted diskette ready. If your computer has two diskette drives put your Master diskette in drive A: and your formatted diskette in drive B: then:

- STEP 1 - Type 'B:=A.*.*[V]'
- STEP 2 - Press [Return]

Note: PIP is a CP/M utility program which enables you to copy files from one diskette to another. For further information on PIP refer to your Operating System Guide.

A HELPFUL HINT

If you have not already done so, we strongly recommend that you take just a little time now to familiarise yourself with the basics of CP/M or CP/M Plus. It will be of immense help to you - because whatever application programs you are using, over time you will need to know precisely how to:

- (1) Format and copy diskettes (using the "DISCKIT", "FORMAT" or "COPY" programs).
- (2) Copy files (using the PIP program - this is the one you need to make a copy of your ScratchPad Plus Master diskette).
- (3) Find out information about diskette files (using the "SHOW", "DIR" or "STAT" programs).

and

BEFORE YOU START

The diskette supplied is your Master diskette. Make a working copy of this diskette and then store the Master diskette away in a safe place.

The Master diskette is **not a bootable diskette**. This means if you put it in drive A: and then turn your computer on, some error messages will be displayed and you may damage the diskette.

For convenience, we suggest you make a **bootable** copy of your Master diskette. To be able to do this you will first need to understand how to format a blank diskette (with systems tracks) for use with CP/M or CP/M Plus. If you are not sure how to do this, please refer to your Operating System Guide or consult with your computer supplier.

If your computer has two diskette drives it will copy all the files from the diskette in drive A: onto the diskette in drive B: and return you to the A> prompt. If your computer has only one diskette drive it will copy the files across section by section alternately displaying the following questions at the bottom of the screen:

Please put the disc for B: into the drive then press any key

(Take out the Master diskette and put in the formatted diskette) and press any key

Please put the disc for A: into the drive then press any key

(Take out the formatted diskette and put in the Master diskette) and press any key

Repeat the above procedures until all the files have been copied and the asterisk is displayed. Pressing [Return] will take you back to the A> prompt.

In either case when the A> prompt appears on the screen once again, the copying procedure is complete. Now label the copy you have made identifying it as your working copy and use this diskette from now on. If anything untoward happens which makes this diskette unusable you can always run through this procedure again to make another working copy.

PLEASE READ BEFORE USING SmartKey

PLEASE READ BEFORE USING SmartKey

SOME SPECIAL NOTES ON SmartKey

TAKE CARE

SmartKey is rather like a sophisticated combination of the CP/M 'SETKEYS' and 'SUBMIT' utilities. If you consider yourself an experienced microcomputer user it is extremely easy to use and very powerful. But if you are not fully conversant with your operating system it is better to use SmartKey with caution.

SmartKey and 'SETKEYS'

If you are using SmartKey with SETKEYS, SmartKey will receive the SETKEYS definition - not the key you press. But SmartKey only defines SINGLE keys, not strings of characters and some strange things may happen.

For example: If you use SETKEYS to redefine 'P' to '/S' and then you try to define 'P' with SmartKey, SmartKey will think you are trying to redefine '/' and will take 'S' as the first character of the definition.

It is better to use either SmartKey or SETKEYS, not both together. If you do use SmartKey and SETKEYS together (and bear in mind some of your application programs may use SETKEYS - ScratchPad Plus is a good example) then use SmartKey to redefine keys that have not already been defined with SETKEYS.

SPECIAL KEYS ON KEYBOARD

If you have other keys on your keyboard other than the standard typewriter letter and number keys, take care if you need to redefine them. Most of these keys are actually combinations of other keys on your keyboard. For example: on the Amstrad PCW-8256, the [WORD CHAR] key on the right is usually [Alt] W. If you redefine this key you will redefine [Alt] W as well. And some of your programs may require [Alt] W to perform a special command.

Always study the SmartKey message closely as you define a key. This will tell you PRECISELY which key you are redefining. You will then be able to establish whether there is going to be a conflict.

A USEFUL HINT

The SuperShift key on the Amstrad is set up as the left curly bracket {, not the backward slash \ as indicated in the manual (your keyboard does not have a backward slash available).

But if you have an [Extra] key on your keyboard, this in combination with other keys produces Supershift keys. It is much better to redefine either [Extra] keys OR Supershift key, BUT NOT BOTH.

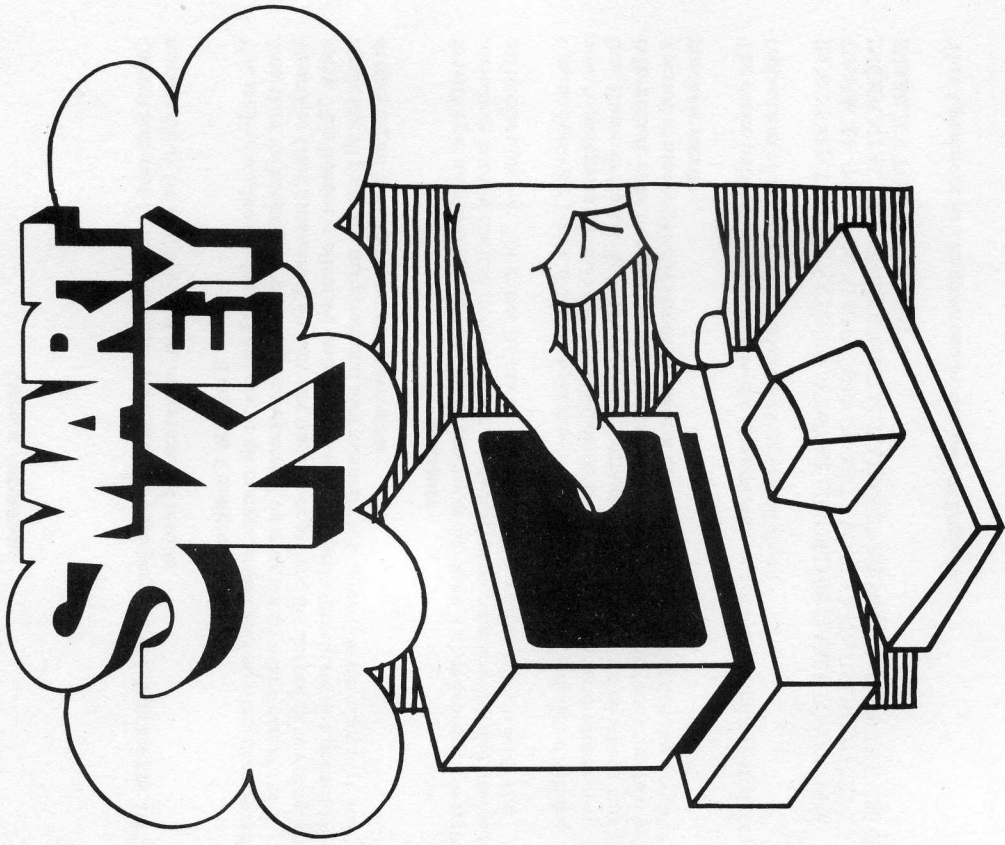
We believe the best way to begin using SmartKey with real applications is to redefine the number keys 1-9 (not 0) on the TOP of your keyboard in combination with the [Extra] key. This should not produce a conflict either with SETKEYS or with any other key on your keyboard.

SOME OPERATING NOTES

SmartKey sits in memory all the time it is being used. It takes up 7k. The space available for any other memory-resident programs (eg ScratchPad Plus) will therefore be reduced by this amount.

Submit and FBNSUBJ do not work while SmartKey is resident on Amstrad computers. Please ignore any reference to these in the manual.

To copy your Master diskette, please refer to the procedure at the beginning of the ScratchPad Plus manual.



The Stroke of Genius

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Licence Agreement

Caxton Software Limited licenses SmartKey for your personal use. You assume all responsibility for the installation, operation and results.

Terms & Conditions

You are licensed to use SmartKey on a single computer and you may create a copy of SmartKey for backup on that single computer. You may not copy any part of the SmartKey User's manual. You may not transfer or assign this licence to any other third party. This licence is effective until terminated. You may terminate this licence by returning all program materials and user manuals to Caxton Software Limited, and destroying all backup copies you have made.

Warranty

SmartKey is provided "As Is" without warranty of any kind, either expressed or implied, including, but not limited to the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the performance of SmartKey is with you.

Caxton Software Limited does not warrant that the functions of SmartKey will meet your requirements or that the operation of the program will be uninterrupted or error free. However Caxton Software Limited warrants that the diskettes on which SmartKey is furnished, to be free from defects in materials and workmanship under normal use for a period of ninety (90) days from the date of delivery to you as evidenced by a copy of your purchase receipt.

The entire liability of Caxton Software Limited and your exclusive remedy shall be replacement of any defective diskettes as explained above.

IN NO EVENT WILL CAXTON SOFTWARE LIMITED BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY LOST PROFITS, LOST SAVINGS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SmartKey.

This Agreement will be governed by the laws of England.

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INTRODUCTION

SMARTKEY II

SmartKey II is an electronic assistant in the form of a computer program available for today's business microcomputers.

It enables you to assign any long, repetitive or difficult-to-remember set of keystrokes to a single key. Press this key once, and **SmartKey II** (the electronic assistant) will do the work for you. It can be used with, and is invisible to, your other programs.

With word processors, you can type standard paragraphs, reformat text, find files, and change margins instantly. With spreadsheets, you can define keys to display windows, recalculate models, save files and print automatically. And with databases, you can find records, enter data and produce reports with just one keystroke.

With these and other software products, the possibilities are endless!

Your **SmartKey II** disk contains four main programs: **SMARTKEY.COM**, **SKPATCH.COM**, **FIXKEY.COM** and **FBNSUB.COM**. We will be explaining how to use these programs in the following pages.

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IMPORTANT READING

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THE REGISTRATION CARD

Please take a moment to fill out your Registration Card and return it to us. Without it, we won't be able to offer you support or advise you of updates as they become available.

SUPPORT FROM CAXTON

We offer a support service to registered users of all our products. If you experience any difficulties using SmartKey II please telephone or write to us at the following address:

Customer Support Department
Caxton Software Ltd
10-14 Bedford Street
Covent Garden
London WC2E 9HE

Telephone: 01-379-6502
Telex: 27950 ref 398

BEFORE YOU START

The diskette supplied is your **SmartKey II** Master diskette. Make a working copy of this diskette and then store the Master diskette away in a safe place.

The Master diskette is not a **bootable diskette**. If you put it in drive A: and then turn your computer on, some error messages will be displayed and you may damage the diskette.

COPYING YOUR MASTER DISKETTE

For convenience, we suggest you make a **bootable** copy of your Master diskette. To be able to do this, you will need to understand how to:

1. format a blank diskette
2. add the relevant operating system information to this diskette (to make it **bootable**)
- and 3. copy files from one diskette to another

If you are not sure how to do this, please refer to your Operating System Guide or consult with your computer supplier.

To answer your questions on the telephone, we will need to know the following information:

1. Your name (and company name if relevant)
2. Your **SmartKey II** serial number and version number (see the Master diskette label)
3. What computer you are running **SmartKey II** on
4. Where you purchased **SmartKey II**
- and 5. When you purchased **SmartKey II**

If you can be ready to provide us with this information straight away, it will help us to deal with your enquiry quickly and efficiently.

Please bear in mind the following:

1. Your questions may be answered in **APPENDIX 4**. We have listed several problems that we are aware of. Some of them are solvable and the solution is documented. Some of them sadly, are not.
2. It is our responsibility to help you with **SmartKey II**. It is not our responsibility to train you how to use your operating system or your computer. We are not equipped to do so.

SmartKey II Special Keys

Some keys on your keyboard have special meanings assigned to them by SmartKey II. We represent these keys with upper case letters. For Example:

SETUP SUPERSHIFT

Whenever you need to use one of these keys, press the single key we are referring to. Do not type the upper case letters.

Following Instructions

We have done our very best to ensure that our instructions are clear, precise and easy to follow. It will be useful to remember the following:

1. When you need to type some letters or numbers we use the word "Type" and enclose the letters or numbers in single quotes. Do not type the single quotes.
2. When you need to type a special key, we use the word "Press".
3. We have used *italics* within instructions to tell you about something that is either happening or that is about to happen.

CONVENTIONS USED IN THIS MANUAL

Special Keys on Your Keyboard

Some keys on your keyboard have special uses. We represent these keys by enclosing them in square brackets. For example:

[Return]

This is the key used to let your computer know you have finished typing information. It is sometimes known as the [Carriage Return], [Enter] or <CR> key and may be labelled with a backward arrow.

[Tab]

This is most often used to jump a number of spaces in word processing software. It may have other uses in other programs, but has no special meaning in SmartKey II.

[Space]

This is the key used to type a space.

[Esc]

This key has a different meaning depending on the program you are using. It has no special meaning in SmartKey II.

Whenever you need to use one of these keys, press the single key we are referring to. Do not type the letters enclosed in square brackets.

GETTING STARTED

This chapter introduces you to the basics of SmartKey II. We suggest you work through the examples given. You can then start using SmartKey II to help you use your other applications software.

THE SETUP KEY

This is the key that enables you to assign your complex set of keystrokes to a single key on your keyboard.

The SETUP key is the left hand square bracket ([). You can change the SETUP key to suit your own requirements and we will explain how to do this in the section entitled "SKPATCH".

If your keyboard does not have a left hand square bracket ([), please refer to this section now.

The A> Prompt

Throughout we have assumed that you will be using your SmartKey II diskette in the A: drive. You may wish to use SmartKey II in another drive or copy it onto a hard disk. In these cases the appropriate operating system prompt will be displayed (eg B>, C> etc). Please make the appropriate substitution when reading the text.

We hope everything is clear and that you enjoy using this manual. Constructive comments are always welcome.

Caxton Software Ltd

USING SMARTKEY II - BASIC PRINCIPLES

Defining a Key (One-for-One)

To see how this is done, make sure the A> prompt is displayed and follow the steps below:

- STEP 1 - Press the SETUP key (I)
- At this point a bell will sound
- STEP 2 - Type the character 'z'

The following message will appear on the screen:

```
A> SMARTKEY: redefine <z> to <
```

- STEP 3 - Type the character 'a'
- STEP 4 - Press the SETUP key (I) twice

This will take you back to the A> prompt

Now, every time you type 'z', the character 'a' will appear on your screen. Try it.

SmartKey II has assigned one keystroke <a> to the single key <z>. Put another way: The single key <z> has been defined as <a> and in this case, <a> is the definition.

LOADING SMARTKEY II

To see how you load **SmartKey II**, put the working copy of your **SmartKey II** diskette in Drive A: make sure the A> prompt is displayed then follow the steps below:

- STEP 1 - Type 'SMARTKEY'
- STEP 2 - Press [Return]

The following message will appear on the screen:

```
SmartKey II version 1.1B Serial # SR8-1111  
Copyright (c) 1980/84 - FBN Software  
ready
```

This will take you back to the A> prompt

Note: Caxton Software Ltd is a software publisher. FBN Software is the author of **SmartKey II**

SmartKey II is now loaded and ready for use.

Defining a Key (One-For-Many)

SmartKey II can also assign several keystrokes to a single key. To see how this is done, make sure the A> prompt is displayed and follow the steps below:

STEP 1 - Press the SETUP key ([])

STEP 2 - Type the character 'A'

Note: You must use the SHIFT key. **SmartKey II** recognises the difference between upper and lower case characters.

STEP 3 - Type 'Hello World'

STEP 4 - Press the SETUP key ([]) twice

This will take you back to the A> prompt

Now, every time you type 'A', 'Hello World' will appear on your screen. Try it.

SmartKey II has assigned several keystrokes <Hello World> to the single key <A>. Put another way: The single key <A> has been defined as <Hello World> and in this case, <Hello World> is the definition.

Clearing a Definition

To see how you restore a key to its original status, make sure the A> prompt is displayed and follow the steps below:

STEP 1 - Press the SETUP key ([])

At this point a bell will sound

STEP 2 - Type the character 'z'

The following message will appear on the screen:

```
A>
SMARTKEY: redefine <z> to <
```

STEP 3 - Press the SETUP key ([])

This will take you back to the A> prompt

Now, when you type 'z', the character 'z' will appear on the screen. **SmartKey II** has cleared the definition <a> from the single key <z>.

Mistakes While Entering a Definition

If you make a mistake while defining a key, do not try to correct it because the correction will be included in your definition. Simply exit the definition by pressing the SETUP key twice, and start again.

