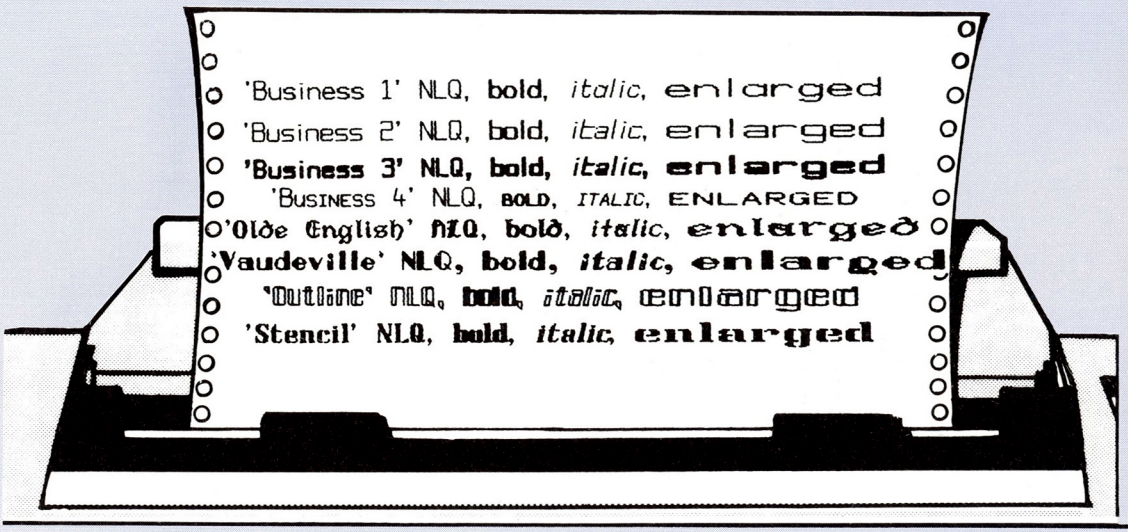
UP GRADE YOUR PRINTER

Supertype



DIGITA INTERNATIONAL

FOR THE AMSTRAD PCW 8256 AND PCW 8512

Supertype

FOR THE AMSTRAD PCW 8256/8512

WRITTEN BY MIKE WOOD

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PLEASE NOTE

SUPERTYPE has been tested carefully with current releases of CP/M and 'Locoscript', both in the United States and the United Kingdom.
If you experience compatibility problems with SUPERTYPE and your version of CP/M and/or 'Locoscript' contact Digita International by post. Enclose details of the version numbers of CP/M and/or 'Locoscript' that you are using, together with your original SUPERTYPE disk for free upgrade.

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INTRODUCTION

Perhaps the only reasonable criticism of the Amstrad PCW might be the standard of the 'high quality mode' (NLQ) of the printer. It is possible to purchase alternative word processing software offering a choice of typestyles, but they are restricted for use soley within the confines of the software package.

SUPERTYPE overcomes this by actually changing the Amstrad CP/M operating system itself. It may be installed on any program disk, whether a word processor (including 'Locoscript') or any other software package on the PCW.

SUPERTYPE can be used in all of the modes supported by the printer including enlarged, bold, emphasised, italic, proportional, etc.

We have chosen a variety of styles for SUPERTYPE fonts, with special emphasis on business where the four business styles will find a place in any office environment. The other four styles may be used to give 'flair' to any printed material, whether it be letters, quotations, computer typesetting, etc.

How SUPERTYPE works

Before we go through the process of installing SUPERTYPE, a brief description of how the program operates is relevant.
Most users will be familiar with the process of making backup disks of their software, and of installing CP/M on such disks - perhaps in such a way that the disk 'auto-boots'. (ie the disk is inserted and the selected program runs automatically). This is the case with 'Locoscript'. (US users please note that the American version of the word processing software is 'Locascript').

SUPERTYPE may be installed on any disk containing CP/M. 'Locoscript' is a special case however, it runs outside the CP/M environment.
For this reason SUPERTYPE has be written in two forms. At the time of installation you will have to specify either 'Locoscript' or CP/M format.

'Locoscript' allows a larger range of SUPERTYPE defined characters, where as the size of CP/M restricts the definable range of characters. However, all the characters that you are ever likely to use in normal conditions are redefined in all formats.

It is not possible to mix fonts when printing, as each disk may only be configured for one font.
SUPERTYPE is designed to work in 'high quality mode' (NLQ) only. Although a SUPERTYPE font may already be installed on your current disk, the 'draft quality mode' will remain unchanged.

Installing SUPERTYPE

BEFORE YOU USE SUPERTYPE, BE SURE TO MAKE A BACKUP COPY OF THE DISK SUPPLIED. KEEP THE ORIGINAL DISK IN A SAFE PLACE AND ONLY USE YOUR BACKUP COPY.
You will need to install the CP/M operating system on your backup disk.

Backing up disk supplied and installing CP/M

This proceedure assumes a standard configuration of one disk drive.
Users with two drives fitted should follow exactly the same proceedure, except for step 4, when the Utility disk should be in drive B rather than drive A.

Please note:- When we mention the 'Utility disk', we are referring to SIDE 2 of your LOCOSCRIPT DISK, supplied with your Amstrad.

(1) Switch on the computer and insert a copy of the Utility disk (side two nearest the screen) supplied with your Amtrad. The CP/M operating system will load, and show 'A>' on the screen.

(2) Type 'disckit' and press the <ENTER> key.
If 'DISCKIT?' appears, you have the wrong disk in the A drive.

(3) Follow the screen prompts to make a copy of the disk, then exit back to the 'A>' prompt.

(4) With the Utility disk in drive A, type 'b:submit install' and press the <ENTER> key.

(5) Whenever the prompt 'Put the disk for B: into the drive then press any key' appears, then make sure that the Amstrad Utility disk is in the drive (side 2 nearest the screen), then press a key.
Whenever the prompt 'Put the disk for A: into the drive then press any key' appears, then make sure that the backup copy of SUPERTYPE you have just made is in the drive, then press a key.

(6) The necessary files will now be copied onto your backup disk.

(7) When 'A>' appears on the screen, SUPERTYPE disk will be ready for use.

Using SUPERTYPE

Firstly, SUPERTYPE needs to know which version of CP/M you wish to modify with a new character set. For example, the current UK version is named 'J14CPM3.EMS'.

Determine the file name of the version of CP/M that you are using as follows :-
From the 'A>' prompt, and with your CP/M system disk in the drive, type 'DIR'.

Your screen will look something like this:

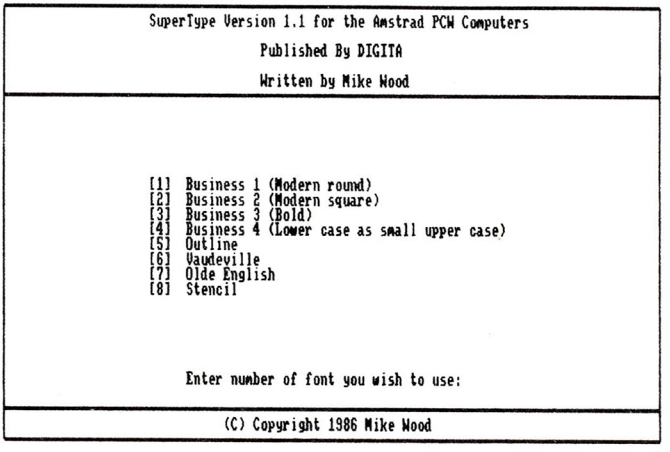
```
CP/M Plus  Amstrad Consumer Electronics plc

v 1.4, 61K TPA, 2 disc drives, 368K drive M:

A)dir
A: J14CPM3  EMS : PROFILE  ENG : RPED     BAS : RPED     SUB : BASIC    COM
A: DIR      COM : DISCKIT  COM : ED       COM : ERASE    COM : LANGUAGE COM
A: PALETTE  COM : PAPER    COM : PIP      COM : RENAME   COM : SET      COM
A: SET24X80 COM : SETDEF   COM : SETKEYS  COM : SETLST   COM : SETSIO   COM
A: SHOW     COM : SUBMIT   COM : TYPE     COM : KEYS     WP
A)
```

Make a written note of the CP/M file name, which should be similar, if not the same, as 'J14CPM3.EMS' or 'J15ACPM3.EMS'. Do not worry if one or two characters are different, just make an accurate note of them.

The rest is simple !

It is necessary to make a 'Start of Day' disk, as described earlier. When this has been done, switch on (or reset by pressing EXTRA, SHIFT and EXIT if already on) and then insert the disk in drive A. The computer will then proceed to load all necessary data and run SUPERTYPE.

The main menu looks like this:



You will be asked which font you require to install on your 'working' disk.
By 'working' disk, we mean the disk which contains the program which you wish to use with a SUPERTYPE font.

In the case of 'Locoscript', this will be a backup copy of the original 'Locoscript' disk supplied with your Amstrad.

In the case of other programs working in the CP/M environment, such as Digita's DATASTORE database management system, this will again be a backup copy of the original disk.

Remember, NEVER alter your original disks. Refer to the last page in this manual and choose your font by pressing the required number and pressing <ENTER>.

You will be asked whether the target disk is for 'Locoscript' or CP/M (for any other software). Just follow the prompts through to create your new disk.
In the case of CP/M format disks, the program will ask you for the CP/M file name. If you have followed previous instructions, you will have made a note of it.

Type it carefully, leaving out the 'Period' and 'Extension'. For example, if the file name was 'J14CPM3.EMS' then you would simply type 'J14CPM3' followed by pressing <ENTER>.
If you make a mistake, then pressing the <CAN> key will delete left.

The target disk will now be modified to use the font that you have chosen.

You will not need to use the SUPERTYPE disk again, as all the necessary information will have been permanently transfered.

Practical Considerations

The four Business Fonts contain the greatest number of redefined characters, simply because they are small and take up less space to define.

In the case of the larger fonts, especially 'Vaudeville', best results will be obtained in 'proportional print mode'. (This is due to the fact that the characters are reletively wide).
Experimentation will clarify this point.
Due to the different character widths employed in the new fonts, some of the templates supplied by 'Locomotive' may need adjustment before use.
Taking the 'Memorandum' template as an example, it contains the underline character. If you print it out before installing SUPERTYPE, the horizontal line across the paper is continous. After installing SUPERTYPE, you will find that the line when printed is longer. Therefore you may have to edit certain of your files, removing excess underline characters where necessary.

In general, if you require to print previously saved documents, you would normally select the print option from the main menu and specify the file. This procedure unfortunately will not re-justify your text; so if you are printing the text in a different font to the one in which it was edited, unpredictable alignment will occur.
To correct this, select to edit the file you wish to print and then exit from editing mode and select the 'SAVE & PRINT' option.

All fonts within SUPERTYPE were designed for use in proportional mode. If this mode is not used unusual letter alignment may be noticed (although there is no other effects). It is therefore suggested that in general, all text is printed in PROPORTIONAL HIGH QUALITY (NLQ) MODE.

Software Support Service

Program disks supplied by DIGITA are guaranteed against faulty manufacture or materials for period of 60 days from date of purchase. For this period also, users who return their software registration cards will be provided with free written and telephone support by Digita.

Important Note

At the end of the warranty period, customers have the option to join the software maintenance scheme.
For SUPERTYPE the cost is £10 per annum.
This offers continuing direct support and automatic issue of program up-dates in line with our on-going program of improvements to all Digita products.

Members will also receive our Club Magazine which contains EXCLUSIVE discounts on existing Digita software and PRE LAUNCH OFFERS on NEW software titles.

OTHER TITLES FROM DIGITA

DATASTORE £39.95
The professional database.
Developed especially on the Amstrad PCW, DATASTORE offers massive power (using RAM disk, full printer commands and second disk drive if fitted), a wealth of facilities and yet remains fast and simple to operate.

Supernova Software's CLASSIC INVADERS £12.95
The timeless space invaders game.
Ideal relaxation after a hard day word processing on your Amstrad. Highly recommended.

Supertype **FONT DEFINITIONS - CP/M**

1. 'Business 1'

àèùòì°£§ßæø¨ÄÜäüéé¥£!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑`
abcdefghijklmopqrstuvwxyz{|}~ Ø

2. 'Business 2'

àèùòì°£§ßæø¨ÄÜäüéé¥£!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑`
abcdefghijklmopqrstuvwxyz{|}~Ø

3. 'Business 3'

àèùòì°£§ßæø¨ÄÜäüéé¥£!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑`
abcdefghijklmopqrstuvwxyz{|}~Ø

4. 'Business 4'

àèùòì°£§ßæø¨ÄÜäüéé¥£!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑`
ABCDEFGHIJKLMOPQRSTUVWXYZ{|}~Ø

5. 'Outline'

àèùòì°£§ßæø¨ÄÜäüéé¥£!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑`
abcdefghijklmopqrstuvwxyz{|}~Ø

6. 'Vaudeville'

£!"#$%&'()*+,-./0123456789:;<=>? ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑`
abcdefghijklmopqrstuvwxyz{ } Ø

7. 'Olde English'

£!" $%&'() +,-. 0123456789:; = ? ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmopqrstuvwxyz

8. 'Stencil'

£!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑`
abcdefghijklmopqrstuvwxyz{|}~Ø

Supertype FONT DEFINITIONS - 'LocoScript'

1. 'Business 1'

∞⊙Γ∆⊗×÷∴Π↓Σ←→±⊖Ωαβγδεθλμπρστχψω !"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑_`abcdefghijklmnopqrstuvwx
yz{|}~ªº°£©¶§†¼½¾«»R¿¡ƒ¢¨´´¹⅛⅜⅝⅞ß∘•¥®™ÁÉÍÓÚÂÊÎÔÛÀÈÌÒÙÄËÏÖÜÇÆÅØÑÃÕ‹›≠áéíóúâêîôûàè
ìòùÿäëïöüçæåøñãõ⇒⇐⇔≡

2. 'Business 2'

∞⊙Γ∆⊗×÷∴Π↓Σ←→±⊖Ωαβγδεθλμπρστχψω !"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑_`abcdefghijklmnopqrstuvwx
yz{|}~ªº°£©¶§†¼½¾«»R¿¡ƒ¢¨´´¹⅛⅜⅝⅞ß∘•¥®™ÁÉÍÓÚÂÊÎÔÛÀÈÌÒÙÄËÏÖÜÇÆÅØÑÃÕ‹›≠áéíóúâêîôûàè
ìòùÿäëïöüçæåøñãõ⇒⇐⇔≡

3. 'Business 3'

∞⊙Γ∆⊗×÷∴Π↓Σ←→±⊖Ωαβγδεθλμπρστχψω !"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑_`abcdefghijklmnopqrstuvwx
yz{|}~ªº°£©¶§†¼½¾«»R¿¡ƒ¢¨´´¹⅛⅜⅝⅞ß∘•¥®™ÁÉÍÓÚÂÊÎÔÛÀÈÌÒÙÄËÏÖÜÇÆÅØÑÃÕ‹›≠áéíóúâêîôû

4. 'Business 4'

∞⊙Γ∆⊗×÷∴Π↓Σ←→±⊖Ωαβγδεθλμπρστχψω !"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑_`ABCDEFGHIJKLMNOPQRSTUVWX
YZ{|}~ªº°£©¶§†¼½¾«»R¿¡ƒ¢¨´´¹⅛⅜⅝⅞ß∘•¥®™ÁÉÍÓÚÂÊÎÔÛÀÈÌÒÙÄËÏÖÜÇÆÅØÑÃÕ‹›≠áéíóúâêîôûàè
ìòùÿäëïöüçæåøñãõ⇒⇐⇔≡

5. 'Outline'

∞⊙Γ∆⊗×÷∴Π↓Σ←→±⊖Ωαβγδεθλμπρστχψω !"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑_`abcdefghijklmnopqrstuvwx
yz{|}~ªº°£©¶§†¼½¾«»R¿¡ƒ¢¨´´¹⅛⅜⅝⅞ß∘•¥®™ÁÉÍÓÚÂÊÎÔÛÀÈÌÒÙÄËÏÖÜÇÆÅØÑÃÕ‹›≠áéíóúâêîôûàè
ìòùÿäëïöüçæåø

6. 'Vaudeville'

∞⊙Γ∆⊗×÷∴Π↓Σ←→±⊖Ωαβγδεθλμπρστχψω !"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑_`abcdefghijklmnopqrstuvwx
yz{|}~ªº°£©¶§†¼½¾«»R¿¡ƒ¢¨´´¹⅛⅜⅝⅞ß∘•¥®™ÁÉÍÓÚÂÊÎÔÛÀÈÌÒÙÄ

7. 'Olde English'

∞⊙Γ∆⊗×÷∴Π↓Σ←→±⊖Ωαβγδεθλμπρστχψω !"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑_`abcdefghijklmnopqrstuvwx
yz{|}~ªº°£©¶§†¼½¾«»R¿¡ƒ¢¨´´¹⅛⅜⅝⅞ß∘•¥®™ÁÉÍÓÚÂÊÎÔÛ

8. 'Stencil'

∞⊙Γ∆⊗×÷∴Π↓Σ←→±⊖Ωαβγδεθλμπρστχψω !"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]↑_`abcdefghijklmnopqrstuvwx
yz{|}~ªº°£©¶§†¼½¾«»R¿¡ƒ¢¨´´¹⅛⅜⅝⅞ß∘•¥®™ÁÉÍÓÚÂÊÎÔÛÀÈÌÒÙÄËÏÖÜÇÆ

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