

Stylus300

COLLABORATORS

	<i>TITLE :</i> Stylus300		
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WRITTEN BY		February 12, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

Stylus300

1.1 Stylus300.doc

Stylus300-printerdriver

by M. van Wanum
AD 1996

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1.2 Supported densities

This printerdriver supports a large range of densities :

Density	XDpi	YDpi	XYDpi	Pins used	remarks
1	90	180	16200	24	
2	120	180	21600	24	
3	180	180	32400	24	
4	360	180	64800	24	
5	180	360	64800	48	
6	360	360	129600	48	doesn't print double points\$^1\$
7	360	360	129600	48	

1 gives the same look as using economy with text, two successive black points will be printed as 1 point. Useful when printing black&white line-drawings, you will have sharp lines without have soaked your paper.

Note: the Stylus 300 printer supports lower resolutions than density one, but these turn black into lighth gray due to the large dot-spacing. These lower resolutions are therefore not useful and have been omitted.

Note: the size of one dot stays the same, the spacing between two dots is changed when you change the density. The size of a dot depends on the ink and the paper you use. The size of a dot printed with my printer is bigger than $1/360$ inch. Due to this a picture printed at 360×360 DPI will be too dark and a picture printed at 90×180 DPI will be a little bit too light. I have experienced that the optimum density 180×180 DPI is.

1.3 Extended Characters

This printer driver supports the full Amiga-character-set, this means that letters like ñ, é, μ are also supported). The only thing you have to do is to set the default-character-table to PC 850 (Multilingual). This can be done by using the default-setting mode, see your manual chapter 2-17 (changing the character-table).

1.4 Contacting the author

If you want to contact me, write to :

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Or e-mail to : M.vanWanum@et.tudelft.nl

1.5 DISCLAIMER

DISCLAIMER:

Although I (the author) have tested the Stylus300 printerdriver, you use it at your own risk! I am not responsible for any damage caused by using this program, either direct or indirect. If this program spontaneously crashes your computer, destroys your printer or disrupts your sleep.

I AM NOT RESPONSIBLE !!!

1.6 System requirements

This printerdriver should work with any Amiga. It has been made and tested on a Amiga 500 with 1 Mb.

1.7 Install the printerdriver

To install the printerdriver simply drag the program named "Stylus300" (this is the printerdriver) to your "devs:printers/"-directory and select Stylus300 as printerdriver in preferences.

Note: the default-character-table of your Stylus300 should be set to PC 850 (Multilingual), see extended characters for more information.

1.8 Distribution

This piece of software is Freeware and can be freely distributed as long as 1) the archive is complete
2) the spreading is done on a non-commercial basis.

1.9 History

Revision 0 : first release

Revision 1 : printcommand bug fixed

Revision 2 : black&white gfx-dump bug fixed

Revision 3 : some optimizations done
