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PRINTER

MODEL

MCS 820

***SPECIAL INSTRUCTION  
TO AMIGA OWNERS!***

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# AMIGA OWNERS!

Don't panic! You've got the right manual for your MCS820 (OKIMATE® 20) printer. It's easy to set up your MCS820 printer to print whatever you create on your Amiga computer. In fact, the information in the MCS820 handbook for IBM computers applies to the Amiga as well. There are a few differences which we'll explain here.

## Amiga's BASIC

The program examples in your printer handbook are designed for IBM's BASICA or Microsoft BASIC. Your Amiga needs Microsoft BASIC to run these programs.

## Putting Your Amiga Creations on Paper

Once you've loaded paper and ribbon as explained in the handbook, MCS820 can start printing for you. When you want to print a letter or graphics design, select OKIMATE 20 from Amiga's Preferences menu and choose the printing styles you want. After inserting the Amiga Workbench disk, use the mouse to select icons from the Workbench menu. We'll show you how simple it is.

## How to Print Text from Amiga's Notepad

1. Turn on your Amiga and your MCS820.
2. Insert the Kickstart disk.
3. When the screen prompts you, insert the Workbench disk. If you plan to save your selections from the Preferences menu, make sure the disk is not write-protected.
4. Select the **Workbench** icon.
5. Select the **Preferences** icon.
6. Select the **Change Printer** icon.
7. Select **Okimate 20** from the printer list (place it in the middle highlighted band).
8. Now you can make selections for your text. You can select paper type and size, page length, letter quality, margins, line spacing, and character size.
9. Select the **OK** icon.
10. Select the **Save** icon.
11. Select the **Utilities** icon.
12. Select the **Notepad** icon.
13. When the Notepad screen appears, type a message or select a file to be printed.
14. Select the print styles you'd like from the Notepad menu.
15. Move the pointer to the word Notepad at the top left of the screen.
16. Hold the right button, move down to **PRINT AS** then to the right to **GRAPHIC** or **DRAFT**. (**GRAPHIC** will print the whole Notepad screen, **DRAFT** will print just the text.)
17. While still holding down the right button, move the pointer down to **PRINT**, then right to the size you want the print. (The color of the icon will change, and a checkmark will appear next to your selection.) Release the button. In a moment MCS820 will start printing.
18. Exit the Notepad by selecting the small box (with a center dot) located in the upper left corner of the screen. The screen will clear.

## How to Print Graphics

1. Follow steps 1 through 7 above.
8. Select **Graphic Select**.
9. Select the shade you want: Color, Gray, or Black and White. (Be sure to load the color ribbon for color prints.)
10. Select the **OK** icon.
11. Select the **Save** icon or the **Use** icon. (Save makes your selections permanent; the Use icon lets you use these preferences until you turn off or reset the Amiga.)
12. Close the Workbench directory.
13. Now you can load your graphics software disk, or print Amiga's Notepad screen by selecting **PRINT AS: GRAPHIC**. Consult your Amiga manual for details on Notepad.

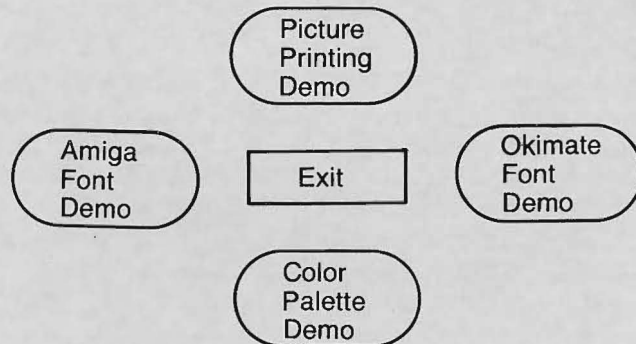
You can print graphics directly as we've shown you here, since many Amiga graphics packages directly support the MCS820. Otherwise, you can use the Picture Printing Demo of the OKIMATE/AMIGA COLOR PRINT software to print pictures.

**\* Amiga colour Print Disk optional.**

## Printing Color Pictures\*

The OKIMATE/AMIGA COLOR PRINT software lets you print samples demonstrating various Amiga and MCS820 capabilities, and print the pictures you've saved on disk. After you've started the Amiga with the Kickstart disk, the screen prompt for inserting a disk will appear. Insert the OKIMATE/AMIGA Color Print disk.

The OKIMATE/AMIGA Color Print disk main menu will appear and present you with four demo choices. Use color ribbon for all but the first demo.



## Okimate Font Demo

If you want to print this demonstration of MCS820's special fonts, load the black ribbon first.

## Amiga Font Demo

This demonstration will print the fonts exactly as they appear on the Amiga screen.

## Color Palette Demo

This demo prints the variety of colors available on MCS820.

## Picture Printing Demo

MCS820 will print the sample pictures or pictures you have designed yourself in color. Continue reading for details on how to print your own colorful designs.

When you select the **Picture Printing Demo**, the Amiga will display a list of sample pictures which are available for printing. Use the mouse to pick the picture you want. Next you can select **View** to see the picture, **Print** to print it, or **Menu** to return to the main menu.

If you want to print your own pictures, you must first prepare a picture disk: Make a directory called "pics" by entering the command **MAKE-DIR pics** from an Amiga CLI. (Check your Amiga d.o.s. manual.) You can store up to ten pictures in this directory. After you've selected the Picture Printing Demo, replace the OKIMATE disk with your picture disk. The OKIMATE program will read your disk and list its picture names on the screen. Select the picture you want, view it, and have OKIMATE print it.

If you want to change the size of the printed picture, select Width or Height with the mouse, backspace to remove the existing number, enter a new number, then press <RETURN>. To retain a normal aspect ratio, use multiples of 320 by 250 pixels for the print size: 640 by 500 is a good medium-size print; 960 by 750 is the largest size you can print. If you want to print a tall picture, try a width of 640 and a height of 700.

Finished? Select the **Exit** icon from the main menu. To start over: when the CLI prompt appears, enter: OKIDEMO (RETURN).

## Printing Tips

Always turn off the Amiga before inserting or removing the printer cable.

If you run out of paper or ribbon while MCS820 is printing, don't turn it off. Load a new ribbon or paper, then push the SELECT button. MCS820 may continue printing fine depending on where it was interrupted.

Be sure MCS820 is on before you select a print command.

If you choose an invalid option (like picture size too large), printing won't start. Amiga often takes 40 seconds to begin printing. If printing hasn't started after one minute, reset your Amiga and check your Preferences menu selections.

If you have any problems, you can start all over by resetting the Amiga. Just hold down both red Amiga ("A") keys (to the left and right of the space bar) and the <CONTROL> key, then release them. After the screen clears, the opening menu for the software disk will appear.

## Graphics Printing

The MCS820 Amiga module has a special switch which controls graphic line spacing. This switch is factory set ON to overlap graphic lines, which yields the best graphics print quality. If switch 5 is OFF, you may see thin white lines in your graphics printout.

In certain early versions of Amiga firmware, thick dark bars sometimes occurred beginning with the second or third print. If dark bars start appearing in your prints, turn off the Amiga and the printer, then turn them on. When MCS820 starts printing again, the dark bars should be gone.

## Printing Text

You can print color text from Notepad's **GRAPHIC** mode. Just be sure to select Color from the Preferences menu. MCS820 will not print color text from Notepad's **DRAFT** mode.

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